

CONFIDENTIAL

COPY  
FORM APPROVED  
OMB No. 1004-0137  
Expires July 31, 2010

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-08107
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Bill Barrett Corporation		7. If Unit or CA Agreement, Name and No. Peters Point / UTU-63014
3a. Address 1099 18th Street, Suite 2300 Denver, CO 80202		8. Lease Name and Well No. Peter's Point Unit Federal 15-27D-12-16
3b. Phone No. (include area code) 303-312-8134		9. API Well No. pending 43-007-31410
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SESE, 1063' FSL, 799' FEL At proposed prod. zone SWSE, 628' FSL, 1941' FEL, Sec. 27		10. Field and Pool, or Exploratory Peter's Point/Wasatch-Mesaverde
14. Distance in miles and direction from nearest town or post office* approximately 50 miles from Myton, Utah		11. Sec., T. R. M. or Blk. and Survey or Area Sec. 27, T12S-R16E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 799' SH / 1941' BH	16. No. of acres in lease 640	17. Spacing Unit dedicated to this well 40 acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 16' SH / 1188' BH	19. Proposed Depth 7900' MD	20. BLM/BIA Bond No. on file Nationwide Bond #WYB000040
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 7196' graded ground	22. Approximate date work will start* 10/01/2008	23. Estimated duration 45 days

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

- |  |   |
|--|---|
| 1. Well plat certified by a registered surveyor.   | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan.  | 5. Operator certification   |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the BLM.             |

25. Signature Tracey Fallang	Name (Printed/Typed) Tracey Fallang	Date 4/28/08
Title Environmental/Regulatory Analyst		
Approved by (Signature) Bradley G. Hill	Name (Printed/Typed) BRADLEY G. HILL	Date 05-05-08
Title Office	ENVIRONMENTAL MANAGER	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

\*(Instructions on page 2)

Federal Approval of this  
Action is Necessary

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APR 29 2008

DIV. OF OIL, GAS & MINING

Surf  
576856X  
4399128Y  
39.740476  
110.103044

BHL  
576509X  
4398994Y  
39.739223  
110.107103

**T12S, R16E, S.L.B.&M.**

**BILL BARRETT CORPORATION**

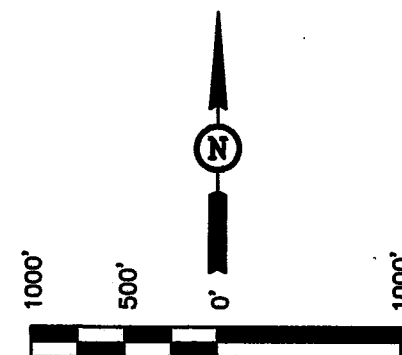
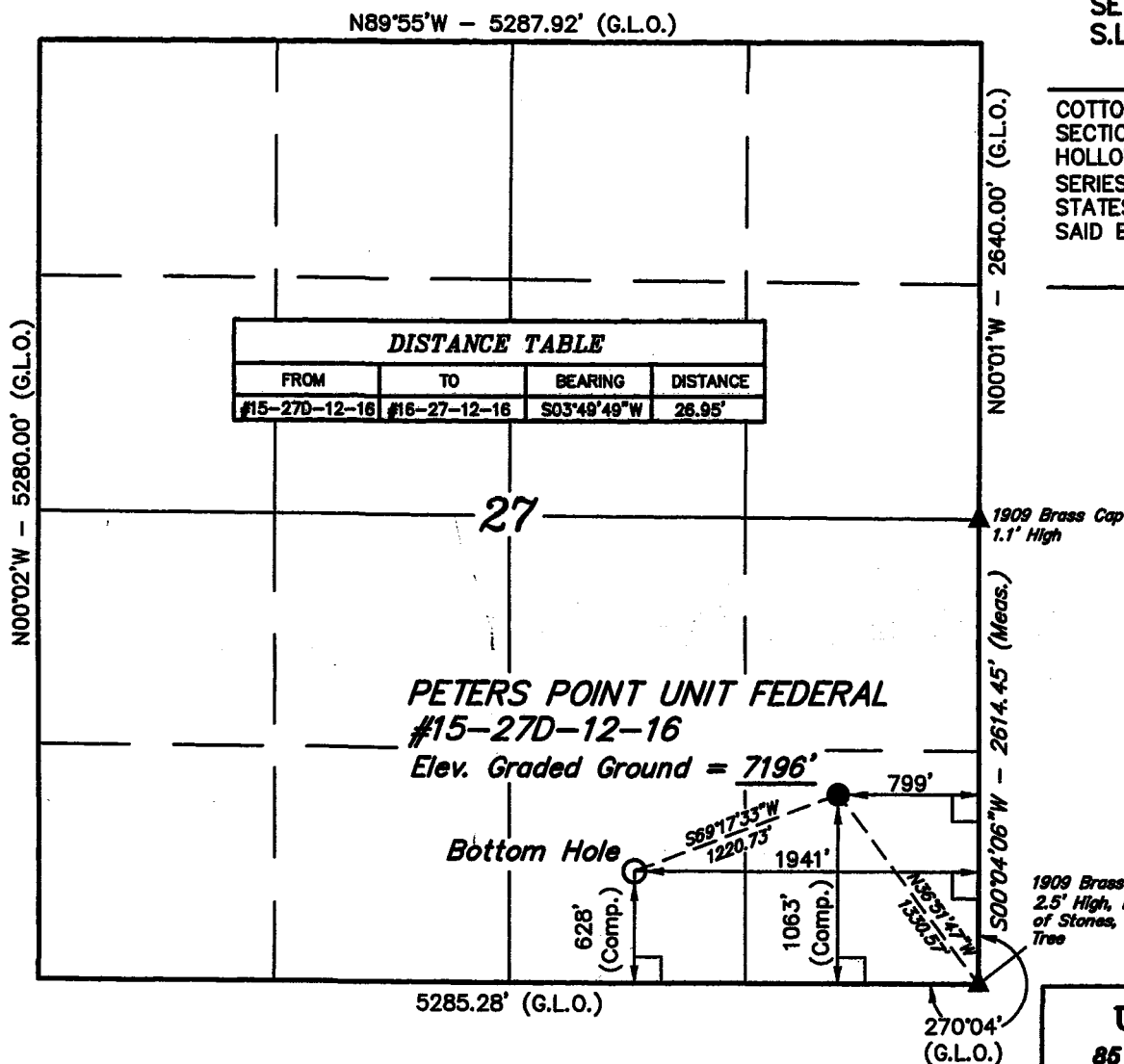
Well location, PETERS POINT UNIT FEDERAL #15-27D-12-16, located as shown in the SE 1/4 SE 1/4 of Section 27, T12S, R16E, S.L.B.&M., Carbon County, Utah.

**BASIS OF ELEVATION**

COTTON TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 31, T12S, R16E, S.L.B.&M., TAKEN FROM THE TWIN HOLLOW QUADRANGLE, UTAH, CARBON COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 7386 FEET.

**BASIS OF BEARINGS**

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



**CERTIFICATE**

THIS IS TO CERTIFY THAT THE ABOVE IS A TRUE AND CORRECT COPY OF THE FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161316  
STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(435) 789-1017

**LEGEND:**

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 39°44'21.92" (39.739422)	LATITUDE = 39°44'28.18" (39.740608)
LONGITUDE = 110°08'28.32" (110.107867)	LONGITUDE = 110°08'13.70" (110.103808)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 39°44'22.05" (39.739458)	LATITUDE = 39°44'28.31" (39.740642)
LONGITUDE = 110°08'25.77" (110.107158)	LONGITUDE = 110°08'11.15" (110.103097)
STATE PLANE NAD 27 (UTAH CENTRAL) N: 515198.42 E: 2391657.05	STATE PLANE NAD 27 (UTAH CENTRAL) N: 515645.00 E: 2392791.93

SCALE 1" = 1000'	DATE SURVEYED: 03-11-08	DATE DRAWN: 03-18-08
PARTY D.R. A.W. C.G.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE BILL BARRETT CORPORATION	



April 28, 2008

Ms. Diana Mason  
State of Utah  
Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

RE: Directional Drilling R649-3-11  
Peters Point Unit Federal 15-27D-12-16  
SHL: 1063' FSL & 799' FEL SESE 27-T12S-R16E  
BHL: 628' FSL & 1941' FEL SWSE 27-T12S-R16E  
Carbon County, Utah

Dear Ms. Mason:

Pursuant to the filing of Bill Barrett Corporation's ("BBC") Application for Permit to Drill ("APD") regarding the above referenced well, we are hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649-3-11 pertaining to the "Exception to Location and Siting of Wells."

- The above-mentioned proposed location is within the Peters Point Unit Area;
- BBC is permitting this well as a directional well in order to minimize surface disturbance. By locating the well at the surface location and directionally drilling from this location, BBC will be able to utilize the existing road and pipelines in the area;
- BBC hereby certifies that it is the sole working interest owner within 460 feet of the entire directional well bore.

Based on the information provided, BBC requests that the permit be granted pursuant to R649-3-11. If you should have any questions or need further information, please contact me at 303-312-8129.

Sincerely,

*Doug Gundry-White by RF*  
Doug Gundry-White  
Senior Landman

**RECEIVED**

**APR 29 2008**

**DIV. OF OIL, GAS & MINING**

1099 18TH STREET  
SUITE 2300  
DENVER, CO 80202  
P 303.293.9100  
F 303.291.0420

## DRILLING PROGRAM

**BILL BARRETT CORPORATION**

**Peter's Point Unit Federal #15-27D-12-16**

SESE, 1063' FSL, 799' FEL, Sec. 27, T12S-R16E (surface hole)

SWSE, 628' FSL, 1941' FEL, Sec. 27, T12S-R16E (bottom hole)

## Carbon County, Utah

**1 – 2. Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals**

<b><u>Formation</u></b>	<b><u>Depth – MD</u></b>	<b><u>Depth – TVD</u></b>
Green River	Surface	Surface
Wasatch	3320'*	3209'*
North Horn	5321'*	5115'*
Dark Canyon	6880'*	6674'*
Price River	7137'*	6931'*
TD	7900'*	7700'*

## PROSPECTIVE PAY

**\*Members of the Mesaverde formation and Wasatch formation (inclusive of the North Horn) are primary objectives for oil/gas.**

### 3. BOP and Pressure Containment Data

<b><u>Depth Intervals</u></b>	<b><u>BOP Equipment</u></b>
0 – 1000'	No pressure control required
1000' – TD	11" 3000# Ram Type BOP 11" 3000# Annular BOP

- Drilling spool to accommodate choke and kill lines;
- Ancillary equipment and choke manifold rated at 3,000#. All BOP and BOPE tests will be in accordance with the requirements of onshore Order No. 2;
- The BLM and the State of Utah Division of Oil, Gas and Mining will be notified 24 hours in advance of all BOP pressure tests.
- BOP hand wheels may be underneath the sub-structure of the rig if the drilling rig used is set up to operate most efficiently in this manner.

#### **4. Casing Program**

<u>Hole Size</u>	<u>SETTING DEPTH</u> <u>(FROM) (TO)</u>		<u>Casing Size</u>	<u>Casing Weight</u>	<u>Casing Grade</u>	<u>Thread</u>	<u>Condition</u>
12 ¼"	surface	1,000'	9 5/8"	36#	J or K 55	ST&C	New
7 7/8" & 8 3/4"	surface	7,900'	5 ½"	17#	N-80	LT&C	New
			4 ½"	11.6#	I-100	LT&C	New

Note: BBC will use one of two options of production casing noted above. 7 7/8" hole size will begin at the point the bit is changed.

5. **Cementing Program**

9 5/8" Surface Casing	Approximately 240 sx Halliburton Light Premium with additives mixed at 12.7 ppg (yield = 1.85 ft <sup>3</sup> /sx) and 170 sx Premium cement with additives mixed at 15.8 ppg (yield = 1.16 ft <sup>3</sup> /sx) circulated to surface with 100% excess.
5 1/2" Production Casing  <b>OR</b>	Approximately 1550 sx 50/50 Poz Premium cement with additives mixed at 13.4 ppg (yield = 1.49 ft <sup>3</sup> /sx). Top of cement to be determined by log and sample evaluation; estimated TOC 900'.
4 1/2" Production Casing	Approximately 1880 sx 50/50 Poz Premium cement with additives mixed at 13.4 ppg (yield = 1.49 ft <sup>3</sup> /sx). Top of cement to be determined by log and sample evaluation; estimated TOC 900'.
Note: Actual volumes to be calculated from caliper log.	

6. **Mud Program**

<u>Interval</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss (API filtrate)</u>	<u>Remarks</u>
0 – 40'	8.3 – 8.6	27 – 40	--	Native Spud Mud
40' – 1000'	8.3 – 8.6	27 – 40	15 cc or less	Native/Gel/Lime
1000' – TD	8.6 – 9.5	38 – 46	15 cc or less	LSND/DAP
Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite. BBC may require minor amounts of diesel to be added to its fluid system in order to reduce tork and drag.				
Note: In the event air drilling should occur at this location:				
<ul style="list-style-type: none"> <li>- Fresh water would be used to suppress the dust coming out. The blooie line, approximately 37' long and 6" diameter, would run from the pit to the wellhead. There is no ignition system as burnable gas should not be encountered.</li> <li>- Capacity of compressor: 1250SCFM with an 1170 SCFM on standby, which would be located very near the wellbore. The compressor has switches to shut off should any problems be encountered.</li> <li>- The rig has mud pumps capable of pumping the kill fluid (fresh water), of which there is 500 bbls on location at all times.</li> </ul>				

7. **Testing, Logging and Core Programs**

Cores	None anticipated;
Testing	None anticipated;
Sampling	30' to 50' samples; surface casing to TD. Preserve samples all show intervals;
Surveys	Run every 1000' and on trips, slope only;
Logging	DIL-GR-SP, FDC-CNL-GR-CAL-Pe-Microlog, Sonic-GR, all TD to surface.

8. **Anticipated Abnormal Pressures or Temperatures**

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 3804 psi\* and maximum anticipated surface pressure equals approximately 2110 psi\*\* (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

\*Max Mud Wt x 0.052 x TD = A (bottom hole pressure)

\*\*Maximum surface pressure = A - (0.22 x TD)

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9. **Auxiliary Equipment**

- a) Upper kelly cock; lower Kelly cock will be installed while drilling
- b) Inside BOP or stab-in valve (available on rig floor)
- c) Safety valve(s) and subs to fit all string connections in use
- d) Mud monitoring will be visually observed

10. **Drilling Schedule**

Location Construction:	October 1, 2008
Spud:	October 8, 2008
Duration:	15 days drilling time
	30 days completion time

Well name:	Utah: West Tavaputs
Operator:	Bill Barrett
String type:	Surface
Location:	Carbon County, UT

**Design parameters:**

Collapse

Mud weight: 9.50 ppg

Design is based on evacuated pipe.

**Minimum design factors:**

Collapse:

Design factor 1.125

**Environment:**

H2S considered?

No

Surface temperature: 75.00 °F

Bottom hole temperature: 89 °F

Temperature gradient: 1.40 °F/100ft

Minimum section length: 1,000 ft

Burst:

Design factor 1.00

Cement top: Surface

Burst

Max anticipated surface pressure:

2,735 psi

Internal gradient: 0.22 psi/ft

Calculated BHP 2,955 psi

Annular backup: 9.50 ppg

Tension:

8 Round STC: 1.80 (J)

8 Round LTC: 1.80 (J)

Buttress: 1.80 (J)

Premium: 1.80 (J)

Body yield: 1.80 (B)

Tension is based on buoyed weight.

Neutral point: 859 ft

Non-directional string.

**Re subsequent strings:**

Next setting depth: 10,000 ft

Next mud weight: 9.500 ppg

Next setting BHP: 4,935 psi

Fracture mud wt: 10.000 ppg

Fracture depth: 10,000 ft

Injection pressure 5,195 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	1000	9.625	36.00	J/K-55	ST&C	1000	1000	8.796	71.2
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	493	2020	4.094	2735	3520	1.29	31	453	14.64 J

Prepared Dominic Spencer  
by: Bill Barrett

Phone: (303) 312-8143  
FAX: (303) 312-8195

Date: August 1,2003  
Denver, Colorado

**Remarks:**

Collapse is based on a vertical depth of 1000 ft, a mud weight of 9.5 ppg The casing is considered to be evacuated for collapse purposes.  
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	<b>Uta: West Tavaputs</b>
Operator:	<b>Bill Barrett</b>
String type:	<b>Production</b>
Location:	<b>Uintah County, UT</b>

**Design parameters:**

**Collapse**

Mud weight: 9.50 ppg

Design is based on evacuated pipe.

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
 Surface temperature: 75.00 °F  
 Bottom hole temperature: 215 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 1,500 ft

Cement top: 900 ft

**Burst**

Max anticipated surface

pressure: 4,705 psi

Internal gradient: 0.02 psi/ft

Calculated BHP 4,935 psi

Annular backup: 9.50 ppg

**Tension:**

8 Round STC: 1.80 (J)

8 Round LTC: 1.80 (J)

Buttress: 1.80 (J)

Premium: 1.80 (J)

Body yield: 1.80 (B)

Non-directional string.

Tension is based on buoyed weight.

Neutral point: 8,559 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	10000	5.5	17.00	N-80	LT&C	10000	10000	4.767	344.6
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	4935	6290	1.275	4705	7740	1.65	146	348	2.39 J

Prepared Dominic Spencer  
 by: Bill Barrett

Phone: (303) 312-8143  
 FAX: (303) 312-8195

Date: August 1,2003  
 Denver, Colorado

**Remarks:**

Collapse is based on a vertical depth of 10000 ft, a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes.  
 Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:

**West Tavaputs General**Operator: **Bill Barrett Corporation**String type: **Production****Design parameters:****Collapse**

Mud weight: 9.50 ppg

Design is based on evacuated pipe.

**Burst**Max anticipated surface  
pressure:

2,735 psi

Internal gradient:

0.22 psi/ft

Calculated BHP

4,935 psi

No backup mud specified.

**Minimum design factors:****Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Tension:**

8 Round STC: 1.80 (J)

8 Round LTC: 1.80 (J)

Buttress: 1.80 (J)

Premium: 1.80 (J)

Body yield: 1.80 (B)

Tension is based on buoyed weight.

Neutral point: 8,580 ft

**Environment:**

H2S considered?

No

Surface temperature:

60.00 °F

Bottom hole temperature:

200 °F

Temperature gradient:

1.40 °F/100ft

Minimum section length:

1,500 ft

Cement top:

2,500 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	10000	4.5	11.60	I-100	LT&C	10000	10000	3.875	231.8
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	4935	7220	1.46	4935	9720	1.97	100	245	2.45

Prepared Dominic Spencer  
by: Bill BarrettPhone: (303) 312-8143  
FAX: (303) 312-8195Date: 7-Apr-08  
Denver, Colorado**Remarks:**

Collapse is based on a vertical depth of 10000 ft, a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes.

Collapse strength is based on the Westcott, Dunlop &amp; Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*



# Bill Barrett Corporation

## NINE MILE CEMENT VOLUMES

**Well Name:** Peter's Point Unit Federal 15-27D-12-16

### Surface Hole Data:

Total Depth:	1,000'
Top of Cement:	0'
OD of Hole:	12.250"
OD of Casing:	9.625"

### Calculated Data:

Lead Volume:	219.2	ft <sup>3</sup>
Lead Fill:	700'	
Tail Volume:	94.0	ft <sup>3</sup>
Tail Fill:	300'	

### Cement Data:

Lead Yield:	1.85	ft <sup>3</sup> /sk
Tail Yield:	1.16	ft <sup>3</sup> /sk
% Excess:	100%	

### Calculated # of Sacks:

# SK's Lead:	240
# SK's Tail:	170

### Production Hole Data:

Total Depth:	7,900'
Top of Cement:	900'
OD of Hole:	8.750"
OD of Casing:	5.500"

### Calculated Data:

Lead Volume:	1768.2	ft <sup>3</sup>
Lead Fill:	7,000'	

### Cement Data:

Lead Yield:	1.49	ft <sup>3</sup> /sk
% Excess:	30%	

### Calculated # of Sacks:

# SK's Lead:	1550
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# Peter's Point Unit Federal 15-27D-12-16 Proposed Cementing Program

<u>Job Recommendation</u>	<u>Surface Casing</u>
<b>Lead Cement - (700' - 0')</b>	
Halliburton Light Premium	Fluid Weight: 12.7 lbm/gal
2.0% Calcium Chloride	Slurry Yield: 1.85 ft <sup>3</sup> /sk
0.125 lbm/sk Ploy-E-Flake	Total Mixing Fluid: 9.9 Gal/sk
	Top of Fluid: 0'
	Calculated Fill: 700'
	Volume: 78.09 bbl
	<b>Proposed Sacks: 240 sks</b>
<b>Tail Cement - (1000' - 700')</b>	
Premium Cement	Fluid Weight: 15.8 lbm/gal
94 lbm/sk Premium Cement	Slurry Yield: 1.16 ft <sup>3</sup> /sk
2.0% Calcium Chloride	Total Mixing Fluid: 4.97 Gal/sk
0.125 lbm/sk Ploy-E-Flake	Top of Fluid: 700'
	Calculated Fill: 300'
	Volume: 33.47 bbl
	<b>Proposed Sacks: 170 sks</b>

<u>Job Recommendation</u>	<u>Production Casing</u>
<b>Lead Cement - (7900' - 900')</b>	
50/50 Poz Premium	Fluid Weight: 13.4 lbm/gal
3.0 % KCL	Slurry Yield: 1.49 ft <sup>3</sup> /sk
0.75% Halad®-322	Total Mixing Fluid: 7.06 Gal/sk
3.0 lbm/sk Silicalite Compacted	Top of Fluid: 900'
0.2% FWCA	Calculated Fill: 7,000'
0.125 lbm/sk Poly-E-Flake	Volume: 409.37 bbl
1.0 lbm/sk Granulite TR 1/4	<b>Proposed Sacks: 1550 sks</b>



# Bill Barrett Corporation

## NINE MILE CEMENT VOLUMES

**Well Name:** Peter's Point Unit Federal 15-27D-12-16

### Surface Hole Data:

Total Depth:	1,000'
Top of Cement:	0'
OD of Hole:	12.250"
OD of Casing:	9.625"

### Calculated Data:

Lead Volume:	219.2	ft <sup>3</sup>
Lead Fill:	700'	
Tail Volume:	94.0	ft <sup>3</sup>
Tail Fill:	300'	

### Cement Data:

Lead Yield:	1.85	ft <sup>3</sup> /sk
Tail Yield:	1.16	ft <sup>3</sup> /sk
% Excess:	100%	

### Calculated # of Sacks:

# SK's Lead:	219
# SK's Tail:	170

### Production Hole Data:

Total Depth:	7,900'
Top of Cement:	900'
OD of Hole:	8.750"
OD of Casing:	4.500"

### Calculated Data:

Lead Volume:	2149.9	ft <sup>3</sup>
Lead Fill:	7,000'	

### Cement Data:

Lead Yield:	1.49	ft <sup>3</sup> /sk
% Excess:	30%	

### Calculated # of Sacks:

# SK's Lead:	1830
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# Peter's Point Unit Federal 15-27D-12-16 Proposed Cementing Program

<u>Job Recommendation</u>		<u>Surface Casing</u>	
<b>Lead Cement - (700' - 0')</b>			
Halliburton Light Premium	Fluid Weight:	12.7	lbm/gal
2.0% Calcium Chloride	Slurry Yield:	1.85	ft <sup>3</sup> /sk
0.125 lbm/sk Ploy-E-Flake	Total Mixing Fluid:	9.9	Gal/sk
	Top of Fluid:	0'	
	Calculated Fill:	700'	
	Volume:	78.09	bbl
	<b>Proposed Sacks:</b>	<b>240</b>	<b>sks</b>
<b>Tail Cement - (1000' - 700')</b>			
Premium Cement	Fluid Weight:	15.8	lbm/gal
94 lbm/sk Premium Cement	Slurry Yield:	1.16	ft <sup>3</sup> /sk
2.0% Calcium Chloride	Total Mixing Fluid:	4.97	Gal/sk
0.125 lbm/sk Ploy-E-Flake	Top of Fluid:	700'	
	Calculated Fill:	300'	
	Volume:	33.47	bbl
	<b>Proposed Sacks:</b>	<b>170</b>	<b>sks</b>

<u>Job Recommendation</u>		<u>Production Casing</u>	
<b>Lead Cement - (7900' - 900')</b>			
50/50 Poz Premium	Fluid Weight:	13.4	lbm/gal
3.0 % KCL	Slurry Yield:	1.49	ft <sup>3</sup> /sk
0.75% Halad®-322	Total Mixing Fluid:	7.06	Gal/sk
3.0 lbm/sk Silicalite Compacted	Top of Fluid:	900'	
0.2% FWCA	Calculated Fill:	7,000'	
0.125 lbm/sk Poly-E-Flake	Volume:	497.76	bbl
1.0 lbm/sk Granulite TR 1/4	<b>Proposed Sacks:</b>	<b>1880</b>	<b>sks</b>



**Bill Barrett Corporation**

## **BILL BARRETT CORP**

**CARBON COUNTY, UT (NAD 27)**

**SECTION 27 T12S R16E**

**PETERS POINT UF 15-27-12-16**

**PT PT 15-27-12-16**

**Plan: Design #1**

## **Standard Planning Report**

**27 March, 2008**

<b>Database:</b>	Compass	<b>Local Co-ordinate Reference:</b>	Well PETERS POINT UF 15-27-12-16
<b>Company:</b>	BILL BARRETT CORP	<b>TVD Reference:</b>	WELL @ 7211.00ft (Original Well Elev)
<b>Project:</b>	CARBON COUNTY, UT (NAD 27)	<b>MD Reference:</b>	WELL @ 7211.00ft (Original Well Elev)
<b>Site:</b>	SECTION 27 T12S R16E	<b>North Reference:</b>	True
<b>Well:</b>	PETERS POINT UF 15-27-12-16	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	PT PT 15-27-12-16		
<b>Design:</b>	Design #1		

<b>Project</b>	CARBON COUNTY, UT (NAD 27)		
<b>Map System:</b>	US State Plane 1927 (Exact solution)	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	NAD 1927 (NADCON CONUS)		
<b>Map Zone:</b>	Utah Central 4302		Using geodetic scale factor

<b>Site</b>	SECTION 27 T12S R16E, SECTION 27		
<b>Site Position:</b>		<b>Northing:</b>	515,632.201 ft
<b>From:</b>	Lat/Long	<b>Easting:</b>	2,392,801.761 ft
<b>Position Uncertainty:</b>	0.00 ft	<b>Slot Radius:</b>	"
		<b>Latitude:</b>	39° 44' 26.180 N
		<b>Longitude:</b>	110° 6' 11.0300 W
		<b>Grid Convergence:</b>	0.89 °

<b>Well</b>	PETERS POINT UF 15-27-12-16		
<b>Well Position</b>	<b>+N/-S</b>	13.14 ft	<b>Northing:</b> 515,645.192 ft
	<b>+E/-W</b>	-9.37 ft	<b>Easting:</b> 2,392,792.183 ft
<b>Position Uncertainty</b>	0.00 ft	<b>Wellhead Elevation:</b>	ft
		<b>Latitude:</b>	39° 44' 26.310 N
		<b>Longitude:</b>	110° 6' 11.1500 W
		<b>Ground Level:</b>	7,196.00 ft

<b>Wellbore</b>	PT PT 15-27-12-16		
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination</b>
	BGGM2007	3/27/2008	(°)
			11.71
			Dip Angle (°)
			65.62
			Field Strength (nT)
			52,393

<b>Design</b>	Design #1		
<b>Audit Notes:</b>			
<b>Version:</b>	<b>Phase:</b>	PLAN	<b>Tie On Depth:</b> 0.00
<b>Vertical Section:</b>	<b>Depth From (TVD)</b>	<b>+N/-S</b>	<b>+E/-W</b>
	(ft)	(ft)	(ft)
	0.00	0.00	0.00
			Direction (°)
			249.32

<b>Plan Sections</b>										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,060.00	0.00	0.00	1,060.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,891.96	20.80	249.32	1,873.81	-52.73	-139.74	2.50	2.50	0.00	249.32	
4,488.56	20.80	249.32	4,301.19	-378.28	-1,002.38	0.00	0.00	0.00	0.00	
5,320.52	0.00	0.00	5,115.00	-431.01	-1,142.12	2.50	-2.50	0.00	180.00	
7,760.52	0.00	0.00	7,555.00	-431.01	-1,142.12	0.00	0.00	0.00	0.00	0.00 PBHL_PT PT 15-27-1



Database: Compass  
Company: BILL BARRETT CORP  
Project: CARBON COUNTY, UT (NAD 27)  
Site: SECTION 27 T12S R16E  
Well: PETERS POINT UF 15-27-12-16  
Wellbore: PT PT 15-27-12-16  
Design: Design #1

Local Co-ordinate Reference:  
TVD Reference:  
MD Reference:  
North Reference:  
Survey Calculation Method:

Well PETERS POINT UF 15-27-12-16  
WELL @ 7211.00ft (Original Well Elev)  
WELL @ 7211.00ft (Original Well Elev)  
True  
Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
1,060.00	0.00	0.00	1,060.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Start Build 2.50</b>									
1,100.00	1.00	249.32	1,100.00	-0.12	-0.33	0.35	2.50	2.50	0.00
1,200.00	3.50	249.32	1,199.91	-1.51	-4.00	4.27	2.50	2.50	0.00
1,300.00	6.00	249.32	1,299.56	-4.43	-11.75	12.55	2.50	2.50	0.00
1,400.00	8.50	249.32	1,398.75	-8.89	-23.55	25.17	2.50	2.50	0.00
1,500.00	11.00	249.32	1,497.30	-14.87	-39.40	42.11	2.50	2.50	0.00
1,600.00	13.50	249.32	1,595.02	-22.36	-59.25	63.32	2.50	2.50	0.00
1,700.00	16.00	249.32	1,691.71	-31.35	-83.06	88.78	2.50	2.50	0.00
1,800.00	18.50	249.32	1,787.21	-41.82	-110.81	118.43	2.50	2.50	0.00
1,891.96	20.80	249.32	1,873.81	-52.73	-139.74	149.36	2.50	2.50	0.00
<b>Start 2596.59 hold at 1891.96 MD</b>									
1,900.00	20.80	249.32	1,881.32	-53.74	-142.41	152.21	0.00	0.00	0.00
2,000.00	20.80	249.32	1,974.81	-66.28	-175.63	187.72	0.00	0.00	0.00
2,100.00	20.80	249.32	2,068.29	-78.82	-208.85	223.23	0.00	0.00	0.00
2,200.00	20.80	249.32	2,161.77	-91.35	-242.07	258.74	0.00	0.00	0.00
2,300.00	20.80	249.32	2,255.26	-103.89	-275.29	294.25	0.00	0.00	0.00
2,400.00	20.80	249.32	2,348.74	-116.43	-308.52	329.75	0.00	0.00	0.00
2,500.00	20.80	249.32	2,442.22	-128.97	-341.74	365.26	0.00	0.00	0.00
2,600.00	20.80	249.32	2,535.71	-141.50	-374.96	400.77	0.00	0.00	0.00
2,700.00	20.80	249.32	2,629.19	-154.04	-408.18	436.28	0.00	0.00	0.00
2,800.00	20.80	249.32	2,722.67	-166.58	-441.41	471.79	0.00	0.00	0.00
2,900.00	20.80	249.32	2,816.16	-179.11	-474.63	507.30	0.00	0.00	0.00
3,000.00	20.80	249.32	2,909.64	-191.65	-507.85	542.81	0.00	0.00	0.00
3,100.00	20.80	249.32	3,003.12	-204.19	-541.07	578.32	0.00	0.00	0.00
3,200.00	20.80	249.32	3,096.60	-216.73	-574.29	613.83	0.00	0.00	0.00
3,300.00	20.80	249.32	3,190.09	-229.26	-607.52	649.34	0.00	0.00	0.00
3,320.23	20.80	249.32	3,209.00	-231.80	-614.24	656.52	0.00	0.00	0.00
<b>WASATCH</b>									
3,400.00	20.80	249.32	3,283.57	-241.80	-640.74	684.85	0.00	0.00	0.00
3,500.00	20.80	249.32	3,377.05	-254.34	-673.96	720.36	0.00	0.00	0.00
3,600.00	20.80	249.32	3,470.54	-266.88	-707.18	755.86	0.00	0.00	0.00
3,700.00	20.80	249.32	3,564.02	-279.41	-740.41	791.37	0.00	0.00	0.00
3,800.00	20.80	249.32	3,657.50	-291.95	-773.63	826.88	0.00	0.00	0.00
3,900.00	20.80	249.32	3,750.99	-304.49	-806.85	862.39	0.00	0.00	0.00
4,000.00	20.80	249.32	3,844.47	-317.03	-840.07	897.90	0.00	0.00	0.00
4,100.00	20.80	249.32	3,937.95	-329.56	-873.29	933.41	0.00	0.00	0.00
4,200.00	20.80	249.32	4,031.44	-342.10	-906.52	968.92	0.00	0.00	0.00
4,300.00	20.80	249.32	4,124.92	-354.64	-939.74	1,004.43	0.00	0.00	0.00
4,400.00	20.80	249.32	4,218.40	-367.17	-972.96	1,039.94	0.00	0.00	0.00
4,488.56	20.80	249.32	4,301.19	-378.28	-1,002.38	1,071.38	0.00	0.00	0.00
<b>Start Drop -2.50</b>									
4,500.00	20.51	249.32	4,311.90	-379.70	-1,006.16	1,075.42	2.50	-2.50	0.00
4,600.00	18.01	249.32	4,406.29	-391.35	-1,037.02	1,108.41	2.50	-2.50	0.00
4,700.00	15.51	249.32	4,502.03	-401.53	-1,064.00	1,137.25	2.50	-2.50	0.00
4,800.00	13.01	249.32	4,598.94	-410.23	-1,087.05	1,161.88	2.50	-2.50	0.00
4,900.00	10.51	249.32	4,696.84	-417.43	-1,106.12	1,182.27	2.50	-2.50	0.00
5,000.00	8.01	249.32	4,795.52	-423.11	-1,121.18	1,198.36	2.50	-2.50	0.00
5,100.00	5.51	249.32	4,894.82	-427.27	-1,132.20	1,210.14	2.50	-2.50	0.00
5,200.00	3.01	249.32	4,994.53	-429.89	-1,139.15	1,217.57	2.50	-2.50	0.00
5,300.00	0.51	249.32	5,094.48	-430.98	-1,142.03	1,220.65	2.50	-2.50	0.00
5,320.52	0.00	0.00	5,115.00	-431.01	-1,142.12	1,220.74	2.50	-2.50	0.00
<b>Start 2440.00 hold at 5320.52 MD - NORTH HORN</b>									
5,400.00	0.00	0.00	5,194.48	-431.01	-1,142.12	1,220.74	0.00	0.00	0.00

**Database:** Compass  
**Company:** BILL BARRETT CORP  
**Project:** CARBON COUNTY, UT (NAD 27)  
**Site:** SECTION 27 T12S R16E  
**Well:** PETERS POINT UF 15-27-12-16  
**Wellbore:** PT PT 15-27-12-16  
**Design:** Design #1

**Local Co-ordinate Reference:**  
**TVD Reference:**  
**MD Reference:**  
**North Reference:**  
**Survey Calculation Method:**

Well PETERS POINT UF 15-27-12-16  
 WELL @ 7211.00ft (Original Well Elev)  
 WELL @ 7211.00ft (Original Well Elev)  
 True  
 Minimum Curvature

**Planned Survey**

Measured Depth (ft)	Inclination (")	Azimuth (")	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate ("/100ft)	Build Rate ("/100ft)	Turn Rate ("/100ft)
5,500.00	0.00	0.00	5,294.48	-431.01	-1,142.12	1,220.74	0.00	0.00	0.00
5,600.00	0.00	0.00	5,394.48	-431.01	-1,142.12	1,220.74	0.00	0.00	0.00
5,700.00	0.00	0.00	5,494.48	-431.01	-1,142.12	1,220.74	0.00	0.00	0.00
5,800.00	0.00	0.00	5,594.48	-431.01	-1,142.12	1,220.74	0.00	0.00	0.00
5,900.00	0.00	0.00	5,694.48	-431.01	-1,142.12	1,220.74	0.00	0.00	0.00
6,000.00	0.00	0.00	5,794.48	-431.01	-1,142.12	1,220.74	0.00	0.00	0.00
6,100.00	0.00	0.00	5,894.48	-431.01	-1,142.12	1,220.74	0.00	0.00	0.00
6,200.00	0.00	0.00	5,994.48	-431.01	-1,142.12	1,220.74	0.00	0.00	0.00
6,300.00	0.00	0.00	6,094.48	-431.01	-1,142.12	1,220.74	0.00	0.00	0.00
6,400.00	0.00	0.00	6,194.48	-431.01	-1,142.12	1,220.74	0.00	0.00	0.00
6,500.00	0.00	0.00	6,294.48	-431.01	-1,142.12	1,220.74	0.00	0.00	0.00
6,600.00	0.00	0.00	6,394.48	-431.01	-1,142.12	1,220.74	0.00	0.00	0.00
6,700.00	0.00	0.00	6,494.48	-431.01	-1,142.12	1,220.74	0.00	0.00	0.00
6,800.00	0.00	0.00	6,594.48	-431.01	-1,142.12	1,220.74	0.00	0.00	0.00
6,879.52	0.00	0.00	6,674.00	-431.01	-1,142.12	1,220.74	0.00	0.00	0.00
<b>DARK_CANYON</b>									
6,900.00	0.00	0.00	6,694.48	-431.01	-1,142.12	1,220.74	0.00	0.00	0.00
7,000.00	0.00	0.00	6,794.48	-431.01	-1,142.12	1,220.74	0.00	0.00	0.00
7,100.00	0.00	0.00	6,894.48	-431.01	-1,142.12	1,220.74	0.00	0.00	0.00
7,136.52	0.00	0.00	6,931.00	-431.01	-1,142.12	1,220.74	0.00	0.00	0.00
<b>PRICE_RIVER</b>									
7,200.00	0.00	0.00	6,994.48	-431.01	-1,142.12	1,220.74	0.00	0.00	0.00
7,300.00	0.00	0.00	7,094.48	-431.01	-1,142.12	1,220.74	0.00	0.00	0.00
7,400.00	0.00	0.00	7,194.48	-431.01	-1,142.12	1,220.74	0.00	0.00	0.00
7,500.00	0.00	0.00	7,294.48	-431.01	-1,142.12	1,220.74	0.00	0.00	0.00
7,539.52	0.00	0.00	7,334.00	-431.01	-1,142.12	1,220.74	0.00	0.00	0.00
<b>PRICE_RIVER_6840' SAND</b>									
7,560.52	0.00	0.00	7,355.00	-431.01	-1,142.12	1,220.74	0.00	0.00	0.00
<b>PRICE_RIVER_6840' BASE</b>									
7,600.00	0.00	0.00	7,394.48	-431.01	-1,142.12	1,220.74	0.00	0.00	0.00
7,700.00	0.00	0.00	7,494.48	-431.01	-1,142.12	1,220.74	0.00	0.00	0.00
7,760.52	0.00	0.00	7,555.00	-431.01	-1,142.12	1,220.74	0.00	0.00	0.00

**Casing Points**

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
1,000.00	1,000.00	9 5/8"	9-5/8	12-1/4



Database: Compass  
Company: BILL BARRETT CORP  
Project: CARBON COUNTY, UT (NAD 27)  
Site: SECTION 27 T12S R16E  
Well: PETERS POINT UF 15-27-12-16  
Wellbore: PT PT 15-27-12-16  
Design: Design #1

Local Co-ordinate Reference: Well PETERS POINT UF 15-27-12-16  
TVD Reference: WELL @ 7211.00ft (Original Well Elev)  
MD Reference: WELL @ 7211.00ft (Original Well Elev)  
North Reference: True  
Survey Calculation Method: Minimum Curvature

## Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
3,320.23	3,209.00	WASATCH		0.00	
5,320.52	5,115.00	NORTH HORN		0.00	
6,879.52	6,674.00	DARK_CANYON		0.00	
7,136.52	6,931.00	PRICE_RIVER		0.00	
7,539.52	7,334.00	PRICE_RIVER_6840' SAND		0.00	
7,560.52	7,355.00	PRICE_RIVER_6840' BASE		0.00	

## Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
1,060.00	1,060.00	0.00	0.00	Start Build 2.50
1,891.96	1,873.81	-52.73	-139.74	Start 2596.59 hold at 1891.96 MD
4,488.56	4,301.19	-378.28	-1,002.38	Start Drop -2.50
5,320.52	5,115.00	-431.01	-1,142.12	Start 2440.00 hold at 5320.52 MD
7,760.52	7,555.00	-431.01	-1,142.12	TD at 7760.52

### SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N-S	+E-W	DLeg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	1060.00	0.00	0.00	1060.00	0.00	0.00	0.00	0.00	0.00	
3	1891.96	20.80	249.32	1873.81	-52.73	-139.74	2.60	249.32	149.36	
4	4488.66	20.80	249.32	4301.19	-378.28	-1002.38	0.00	0.00	1071.38	
5	5320.52	0.00	0.00	5115.00	-431.01	-1142.12	2.60	180.00	1220.74	
6	7760.52	0.00	0.00	7555.00	-431.01	-1142.12	0.00	0.00	1220.74	PBHL_PT PT 15-27-12-16

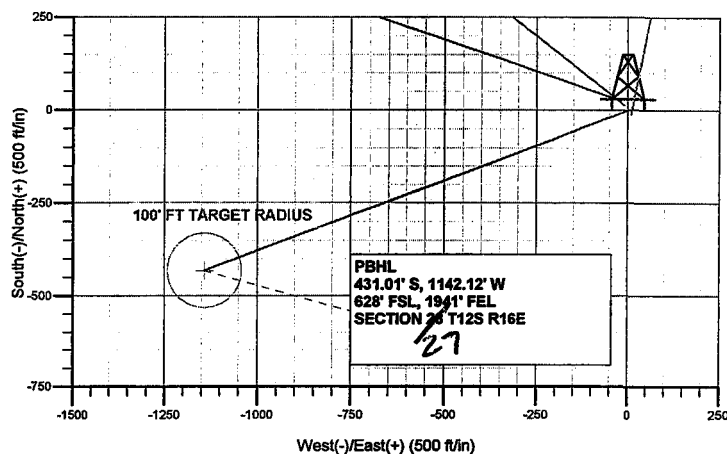
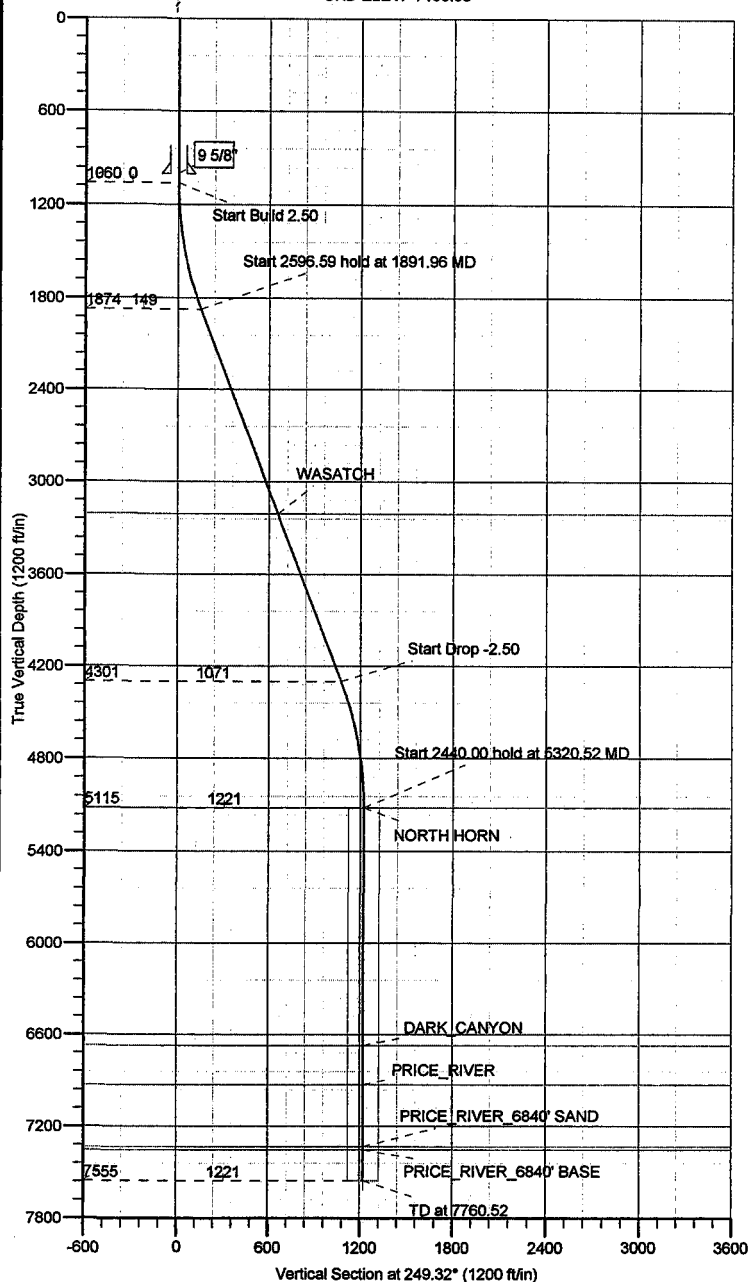
### FORMATION TOP DETAILS

TVDPath	MDPath	Formation
3209.00	3320.23	WASATCH
5115.00	5320.52	NORTH HORN
6674.00	6879.52	DARK CANYON
6931.00	7136.52	PRICE RIVER
7334.00	7539.52	PRICE_RIVER_6840' SAND
7355.00	7560.52	PRICE_RIVER_6840' BASE

### WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N-S	+E-W	Latitude	Longitude	Shape
PBHL	7555.00	-431.01	-1142.12	39° 44' 22.050 N	110° 6' 25.7700 W	Circle (Radius: 100.00)

KB ELEV: WELL @ 7211.00ft (Original Well Elev)  
 GRD ELEV: 7196.00





**Bill Barrett Corporation**

## **BILL BARRETT CORP**

**CARBON COUNTY, UT (NAD 27)**

**SECTION 27 T12S R16E**

**PETERS POINT UF 15-27-12-16**

**PT PT 15-27-12-16**

**Design #1**

## **Anticollision Report**

**27 March, 2008**



Company: BILL BARRETT CORP  
 Project: CARBON COUNTY, UT (NAD 27)  
 Reference Site: SECTION 27 T12S R16E  
 Site Error: 0.00ft  
 Reference Well: PETERS POINT UF 15-27-12-16  
 Well Error: 0.00ft  
 Reference Wellbore: PT PT 15-27-12-16  
 Reference Design: Design #1

Local Co-ordinate Reference: Well PETERS POINT UF 15-27-12-16  
 TVD Reference: WELL @ 7211.00ft (Original Well Elev)  
 MD Reference: WELL @ 7211.00ft (Original Well Elev)  
 North Reference: True  
 Survey Calculation Method: Minimum Curvature  
 Output errors are at: 2.00 sigma  
 Database: Compass  
 Offset TVD Reference: Offset Datum

Reference Design #1

Filter type: NO GLOBAL FILTER: Using user defined selection & filtering criteria  
 Interpolation Method: MD + Stations Interval 100.00ft  
 Depth Range: 0.00 to 20,000.00ft  
 Results Limited by: Maximum center-center distance of 10,000.00ft  
 Warning Levels Evaluated at: 2.00 Sigma  
 Error Model: ISCWSA  
 Scan Method: Closest Approach 3D  
 Error Surface: Elliptical Conic

Survey Tool Program Date 3/27/2008

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
0.00	7,760.52	Design #1 (PT PT 15-27-12-16)	MWD	MWD - Standard

Summary

Site Name	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
SECTION 27 T12S R16E						
PETERS POINT UF 10-27D-12-16 - PT PT 10-27D-12-16	1,060.00	1,060.00	16.15	11.64	3.583	CC, ES
PETERS POINT UF 10-27D-12-16 - PT PT 10-27D-12-16	1,100.00	1,099.73	16.39	11.72	3.506	SF
PETERS POINT UF 11-27-12-16 - PT PT 11-27-12-16 - D	233.49	233.49	31.95	31.16	40.391	CC, ES
PETERS POINT UF 11-27-12-16 - PT PT 11-27-12-16 - D	600.00	595.09	50.92	48.48	20.827	SF
PETERS POINT UF 9-27-12-16 - PT PT 9-27-12-16 - De	1,153.07	1,153.34	15.86	10.96	3.238	CC, ES
PETERS POINT UF 9-27-12-16 - PT PT 9-27-12-16 - De	1,200.00	1,200.23	16.30	11.21	3.203	SF

Offset Design SECTION 27 T12S R16E - PETERS POINT UF 10-27D-12-16 - PT PT 10-27D-12-16 - Design #1												Offset Site Error: 0.00 ft			
Survey Program: 0-MWD												Offset Well Error: 0.00 ft			
Reference				Offset		Distance								Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore +N/-S (ft)	Centre +E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor			
0.00	0.00	0.00	0.00	0.00	0.00	-35.49	13.15	-9.37	16.15						
100.00	100.00	100.00	100.00	0.10	0.10	-35.49	13.15	-9.37	16.15	15.96	0.19	84.526			
200.00	200.00	200.00	200.00	0.32	0.32	-35.49	13.15	-9.37	16.15	15.51	0.64	25.210			
300.00	300.00	300.00	300.00	0.55	0.55	-35.49	13.15	-9.37	16.15	15.06	1.09	14.814			
400.00	400.00	400.00	400.00	0.77	0.77	-35.49	13.15	-9.37	16.15	14.61	1.54	10.489			
500.00	500.00	500.00	500.00	0.99	0.99	-35.49	13.15	-9.37	16.15	14.16	1.99	8.118			
600.00	600.00	600.00	600.00	1.22	1.22	-35.49	13.15	-9.37	16.15	13.71	2.44	6.622			
700.00	700.00	700.00	700.00	1.44	1.44	-35.49	13.15	-9.37	16.15	13.26	2.89	5.591			
800.00	800.00	800.00	800.00	1.67	1.67	-35.49	13.15	-9.37	16.15	12.81	3.34	4.838			
900.00	900.00	900.00	900.00	1.89	1.89	-35.49	13.15	-9.37	16.15	12.36	3.79	4.264			
1,000.00	1,000.00	1,000.00	1,000.00	2.12	2.12	-35.49	13.15	-9.37	16.15	11.91	4.24	3.812			
1,060.00	1,060.00	1,060.00	1,060.00	2.25	2.25	-35.49	13.15	-9.37	16.15	11.64	4.51	3.583	CC, ES		
1,100.00	1,100.00	1,099.73	1,099.73	2.34	2.34	76.01	13.36	-9.65	16.39	11.72	4.68	3.506	SF		
1,200.00	1,199.91	1,198.94	1,198.85	2.53	2.56	83.70	15.73	-12.70	19.34	14.25	5.08	3.805			
1,300.00	1,299.56	1,297.78	1,297.35	2.73	2.78	93.79	20.69	-19.12	26.28	20.77	5.51	4.768			
1,400.00	1,398.75	1,395.99	1,394.79	2.96	3.02	101.58	28.19	-28.82	37.66	31.69	5.97	6.311			
1,500.00	1,497.30	1,493.33	1,490.75	3.23	3.29	106.60	38.14	-41.68	53.46	47.00	6.46	8.270			
1,600.00	1,595.02	1,589.56	1,584.86	3.55	3.59	109.69	50.42	-57.55	73.50	66.49	7.02	10.478			
1,700.00	1,691.71	1,684.46	1,676.77	3.94	3.95	111.59	64.89	-76.25	97.63	89.99	7.63	12.787			
1,800.00	1,787.21	1,777.86	1,766.18	4.40	4.37	112.73	81.38	-97.57	125.68	117.34	8.34	15.075			
1,891.96	1,873.81	1,862.28	1,845.99	4.91	4.80	113.33	98.20	-119.31	154.83	145.77	9.06	17.084			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Company: BILL BARRETT CORP  
 Project: CARBON COUNTY, UT (NAD 27)  
 Reference Site: SECTION 27 T12S R16E  
 Site Error: 0.00ft  
 Reference Well: PETERS POINT UF 15-27-12-16  
 Well Error: 0.00ft  
 Reference Wellbore: PT PT 15-27-12-16  
 Reference Design: Design #1

Local Co-ordinate Reference:  
 TVD Reference:  
 MD Reference:  
 North Reference:  
 Survey Calculation Method:  
 Output errors are at  
 Database:  
 Offset TVD Reference:

Well PETERS POINT UF 15-27-12-16  
 WELL @ 7211.00ft (Original Well Elev)  
 WELL @ 7211.00ft (Original Well Elev)  
 True  
 Minimum Curvature  
 2.00 sigma  
 Compass  
 Offset Datum

Offset Design SECTION 27 T12S R16E - PETERS POINT UF 10-27D-12-16 - PT PT 10-27D-12-16 - Design #1												Offset Site Error: 0.00 ft
Survey Program: C-MWD												Offset Well Error: 0.00 ft
Reference	Offset	Semi Major Axis		Distance		Warning						
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N-S (ft)	+E-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	
1,900.00	1,881.32	1,869.58	1,852.85	4.95	4.84	113.43	99.74	-121.30	157.52	148.39	9.13	17.253
2,000.00	1,974.81	1,963.58	1,941.00	5.57	5.38	114.38	119.72	-147.12	191.18	181.15	10.03	19.064
2,100.00	2,068.29	2,057.71	2,029.26	6.21	5.95	115.05	139.73	-172.98	224.88	213.92	10.96	20.513
2,200.00	2,161.77	2,151.83	2,117.52	6.87	6.54	115.54	159.73	-198.84	258.59	246.66	11.94	21.665
2,300.00	2,255.26	2,245.96	2,205.79	7.55	7.15	115.92	179.74	-224.70	292.32	279.39	12.94	22.594
2,400.00	2,348.74	2,340.08	2,294.05	8.24	7.77	116.22	199.75	-250.56	326.06	312.10	13.96	23.353
2,500.00	2,442.22	2,434.21	2,382.31	8.94	8.40	116.47	219.75	-276.42	359.81	344.80	15.00	23.981
2,600.00	2,535.71	2,528.33	2,470.58	9.65	9.04	116.67	239.76	-302.28	393.55	377.50	16.06	24.506
2,700.00	2,629.19	2,622.45	2,558.84	10.36	9.68	116.84	259.77	-328.14	427.31	410.18	17.13	24.949
2,800.00	2,722.67	2,716.58	2,647.10	11.08	10.33	116.99	279.77	-354.00	461.06	442.86	18.20	25.327
2,900.00	2,816.16	2,810.70	2,735.37	11.80	10.98	117.11	299.78	-379.86	494.82	475.53	19.29	25.652
3,000.00	2,909.64	2,904.83	2,823.63	12.53	11.63	117.22	319.79	-405.72	528.58	508.20	20.38	25.935
3,100.00	3,003.12	2,998.95	2,911.89	13.26	12.29	117.32	339.80	-431.58	562.34	540.86	21.48	26.182
3,200.00	3,096.60	3,093.08	3,000.16	13.99	12.95	117.40	359.80	-457.44	596.11	573.52	22.58	26.399
3,300.00	3,190.09	3,187.20	3,088.42	14.72	13.61	117.48	379.81	-483.30	629.87	606.18	23.69	26.591
3,400.00	3,283.57	3,281.33	3,176.68	15.45	14.28	117.55	399.82	-509.16	663.63	638.84	24.80	26.762
3,500.00	3,377.05	3,375.45	3,264.95	16.18	14.94	117.61	419.82	-535.02	697.40	671.49	25.91	26.915
3,600.00	3,470.54	3,469.58	3,353.21	16.92	15.61	117.67	439.83	-560.88	731.16	704.14	27.03	27.053
3,700.00	3,564.02	3,563.70	3,441.47	17.66	16.28	117.72	459.84	-586.74	764.93	736.79	28.15	27.178
3,800.00	3,657.50	3,657.82	3,529.74	18.39	16.95	117.76	479.84	-612.60	798.70	769.43	29.27	27.291
3,900.00	3,750.99	3,751.95	3,618.00	19.13	17.62	117.81	499.85	-638.46	832.47	802.08	30.39	27.394
4,000.00	3,844.47	3,846.07	3,706.26	19.87	18.29	117.85	519.86	-664.32	866.23	834.72	31.51	27.489
4,100.00	3,937.95	3,940.20	3,794.53	20.61	18.96	117.88	539.86	-690.18	900.00	867.36	32.64	27.575
4,200.00	4,031.44	4,034.32	3,882.79	21.35	19.63	117.92	559.87	-716.04	933.77	900.00	33.77	27.655
4,300.00	4,124.92	4,128.45	3,971.05	22.09	20.30	117.95	579.88	-741.90	967.54	932.64	34.89	27.728
4,400.00	4,218.40	4,222.57	4,059.32	22.83	20.97	117.98	599.88	-767.76	1,001.31	965.28	36.02	27.796
4,488.56	4,301.19	4,305.93	4,137.48	23.49	21.57	118.00	617.60	-790.67	1,031.21	994.19	37.02	27.852
4,500.00	4,311.90	4,316.70	4,147.58	23.57	21.65	118.10	619.89	-793.63	1,035.06	997.90	37.16	27.855
4,600.00	4,406.29	4,411.22	4,236.22	24.11	22.32	118.74	639.98	-819.59	1,067.64	1,029.39	38.24	27.918
4,700.00	4,502.03	4,506.25	4,325.33	24.59	23.00	118.14	660.18	-845.70	1,098.23	1,058.95	39.29	27.955
4,800.00	4,598.94	4,601.61	4,414.75	25.00	23.69	119.29	680.45	-871.90	1,126.85	1,086.57	40.28	27.973
4,900.00	4,696.84	4,697.12	4,504.31	25.36	24.37	119.23	700.75	-898.14	1,153.54	1,112.31	41.23	27.978
5,000.00	4,795.52	4,792.59	4,593.84	25.65	25.06	118.97	721.05	-924.37	1,178.35	1,136.23	42.12	27.978
5,100.00	4,894.82	4,887.84	4,683.16	25.88	25.74	118.53	741.29	-950.54	1,201.39	1,158.45	42.94	27.978
5,200.00	4,994.53	4,982.70	4,772.11	26.06	26.42	117.92	761.46	-976.61	1,222.78	1,179.09	43.69	27.987
5,300.00	5,094.48	5,076.98	4,860.52	26.17	27.10	117.15	781.50	-1,002.51	1,242.70	1,198.33	44.37	28.009
5,320.52	5,115.00	5,096.24	4,878.58	26.19	27.24	6.30	785.59	-1,007.80	1,246.62	1,201.28	45.34	27.495
5,400.00	5,194.48	5,170.77	4,948.47	26.26	27.77	5.28	801.43	-1,028.28	1,261.90	1,216.13	45.77	27.570
5,500.00	5,294.48	5,301.04	5,071.55	26.35	28.52	3.64	827.52	-1,062.00	1,280.63	1,234.36	46.27	27.676
5,600.00	5,394.48	5,444.58	5,209.70	26.44	29.17	2.21	851.30	-1,092.74	1,296.50	1,249.82	46.68	27.773
5,700.00	5,494.48	5,592.71	5,354.53	26.53	29.71	1.10	870.25	-1,117.23	1,309.00	1,261.96	47.04	27.829
5,800.00	5,594.48	5,744.37	5,504.57	26.63	30.12	0.33	883.68	-1,134.58	1,317.78	1,270.44	47.34	27.835
5,900.00	5,694.48	5,898.32	5,658.02	26.72	30.40	-0.09	891.06	-1,144.13	1,322.58	1,274.96	47.62	27.771
6,000.00	5,794.48	6,034.82	5,794.48	26.82	30.53	-0.17	892.48	-1,145.96	1,323.50	1,276.15	47.35	27.950
6,100.00	5,894.48	6,134.82	5,894.48	26.92	30.62	-0.17	892.48	-1,145.96	1,323.50	1,275.92	47.58	27.819
6,200.00	5,994.48	6,234.82	5,994.48	27.02	30.71	-0.17	892.48	-1,145.96	1,323.50	1,275.69	47.81	27.682
6,300.00	6,094.48	6,334.82	6,094.48	27.12	30.81	-0.17	892.48	-1,145.96	1,323.50	1,275.45	48.05	27.545
6,400.00	6,194.48	6,434.82	6,194.48	27.23	30.90	-0.17	892.48	-1,145.96	1,323.50	1,275.21	48.29	27.408
6,500.00	6,294.48	6,534.82	6,294.48	27.33	31.00	-0.17	892.48	-1,145.96	1,323.50	1,274.96	48.53	27.270
6,600.00	6,394.48	6,634.82	6,394.48	27.44	31.10	-0.17	892.48	-1,145.96	1,323.50	1,274.72	48.78	27.132
6,700.00	6,494.48	6,734.82	6,494.48	27.55	31.20	-0.17	892.48	-1,145.96	1,323.50	1,274.47	49.03	26.984
6,800.00	6,594.48	6,834.82	6,594.48	27.66	31.30	-0.17	892.48	-1,145.96	1,323.50	1,274.22	49.28	26.856

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Company: BILL BARRETT CORP  
 Project: CARBON COUNTY, UT (NAD 27)  
 Reference Site: SECTION 27 T12S R16E  
 Site Error: 0.00ft  
 Reference Well: PETERS POINT UF 15-27-12-16  
 Well Error: 0.00ft  
 Reference Wellbore: PT PT 15-27-12-16  
 Reference Design: Design #1

Local Co-ordinate Reference:  
 TVD Reference:  
 MD Reference:  
 North Reference:  
 Survey Calculation Method:  
 Output errors are at  
 Database:  
 Offset TVD Reference:

Well PETERS POINT UF 15-27-12-16  
 WELL @ 7211.00ft (Original Well Elev)  
 WELL @ 7211.00ft (Original Well Elev)  
 True  
 Minimum Curvature  
 2.00 sigma  
 Compass  
 Offset Datum

Offset Design SECTION 27 T12S R16E - PETERS POINT UF 10-27D-12-16 - PT PT 10-27D-12-16 - Design #1													Offset Site Error: 0.00 ft
Survey Program: 0-MWD													Offset Well Error: 0.00 ft
Reference	Offset	Semi Major Axis		Distance		Warning							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N-S (ft)	+E-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation	
6,900.00	6,694.48	6,934.82	6,694.48	27.77	31.40	-0.17	892.48	-1,145.96	1,323.50	1,273.96	49.54	28.717	
7,000.00	6,794.48	7,034.82	6,794.48	27.88	31.50	-0.17	892.48	-1,145.96	1,323.50	1,273.70	49.80	28.579	
7,100.00	6,894.48	7,134.82	6,894.48	27.99	31.61	-0.17	892.48	-1,145.96	1,323.50	1,273.44	50.06	28.440	
7,200.00	6,994.48	7,234.82	6,994.48	28.11	31.72	-0.17	892.48	-1,145.96	1,323.50	1,273.18	50.32	28.302	
7,300.00	7,094.48	7,334.82	7,094.48	28.22	31.82	-0.17	892.48	-1,145.96	1,323.50	1,272.91	50.59	28.164	
7,400.00	7,194.48	7,434.82	7,194.48	28.34	31.93	-0.17	892.48	-1,145.96	1,323.50	1,272.64	50.85	28.025	
7,500.00	7,294.48	7,534.82	7,294.48	28.46	32.04	-0.17	892.48	-1,145.96	1,323.50	1,272.37	51.13	25.887	
7,600.00	7,394.48	7,634.82	7,394.48	28.58	32.15	-0.17	892.48	-1,145.96	1,323.50	1,272.10	51.40	25.749	
7,700.00	7,494.48	7,734.82	7,494.48	28.70	32.26	-0.17	892.48	-1,145.96	1,323.50	1,271.82	51.68	25.612	
7,760.52	7,555.00	7,795.34	7,555.00	28.78	32.33	-0.17	892.48	-1,145.96	1,323.50	1,271.65	51.84	25.529	



Company: BILL BARRETT CORP  
 Project: CARBON COUNTY, UT (NAD 27)  
 Reference Site: SECTION 27 T12S R16E  
 Site Error: 0.00ft  
 Reference Well: PETERS POINT UF 15-27-12-16  
 Well Error: 0.00ft  
 Reference Wellbore: PT PT 15-27-12-16  
 Reference Design: Design #1

Local Co-ordinate Reference:  
 TVD Reference:  
 MD Reference:  
 North Reference:  
 Survey Calculation Method:  
 Output errors are at  
 Database:  
 Offset TVD Reference:

Well PETERS POINT UF 15-27-12-16  
 WELL @ 7211.00ft (Original Well Elev)  
 WELL @ 7211.00ft (Original Well Elev)  
 True  
 Minimum Curvature  
 2.00 sigma  
 Compass  
 Offset Datum

Offset Design SECTION 27 T12S R16E - PETERS POINT UF 11-27-12-16 - PT PT 11-27-12-16 - Design #1													Offset Site Error: 0.00 ft
Survey Program: 0-MWD													Offset Well Error: 0.00 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference	Offset	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Warning	
0.00	0.00	0.00	0.00	0.00	0.00	-37.67	25.29	-19.53	31.95				
100.00	100.00	100.00	100.00	0.10	0.10	-37.67	25.29	-19.53	31.95	31.76	0.19	167.255	
200.00	200.00	200.00	200.00	0.32	0.32	-37.67	25.29	-19.53	31.95	31.31	0.64	49.883	
233.49	233.49	233.49	233.49	0.40	0.40	-37.67	25.29	-19.53	31.95	31.16	0.79	40.391 CC, ES	
300.00	300.00	299.53	299.53	0.55	0.54	-38.09	25.43	-19.93	32.32	31.23	1.09	29.781	
400.00	400.00	398.48	398.42	0.77	0.76	-41.12	26.54	-23.17	35.27	33.74	1.53	23.119	
500.00	500.00	497.08	496.77	0.99	0.99	-45.84	28.75	-29.60	41.39	39.41	1.98	20.928	
600.00	600.00	595.09	594.26	1.22	1.25	-50.72	32.03	-39.16	50.92	48.48	2.44	20.827 SF	
700.00	700.00	693.21	691.49	1.44	1.54	-54.87	36.30	-51.59	63.65	60.71	2.94	21.669	
800.00	800.00	792.23	789.55	1.67	1.85	-57.75	40.77	-64.62	77.12	73.68	3.44	22.390	
900.00	900.00	891.26	887.61	1.89	2.18	-59.77	45.25	-77.66	90.73	86.76	3.96	22.894	
1,000.00	1,000.00	990.29	985.68	2.12	2.50	-61.26	49.72	-90.69	104.42	99.93	4.49	23.262	
1,060.00	1,060.00	1,047.62	1,042.39	2.25	2.70	-61.99	52.44	-98.61	113.07	108.26	4.81	23.515	
1,100.00	1,100.00	1,085.22	1,079.47	2.34	2.84	-62.20	54.47	-104.51	119.40	114.90	4.50	26.559	
1,200.00	1,199.91	1,178.68	1,171.16	2.53	3.21	-62.90	60.35	-121.65	135.99	131.14	4.85	28.038	
1,300.00	1,299.56	1,271.29	1,261.20	2.73	3.64	-63.52	67.38	-142.10	153.69	148.49	5.20	29.569	
1,400.00	1,398.75	1,362.97	1,349.40	2.96	4.13	-64.73	75.49	-165.72	172.53	166.99	5.54	31.142	
1,500.00	1,497.30	1,453.65	1,435.59	3.23	4.67	-65.32	84.63	-192.35	192.62	186.73	5.89	32.715	
1,600.00	1,595.02	1,543.26	1,519.61	3.55	5.27	-65.11	94.74	-221.81	214.07	207.82	6.25	34.243	
1,700.00	1,691.71	1,631.76	1,601.33	3.94	5.93	-65.00	105.77	-253.94	237.00	230.34	6.66	35.581	
1,800.00	1,787.21	1,719.10	1,680.63	4.40	6.65	-65.91	117.66	-288.54	261.49	254.36	7.14	36.644	
1,891.96	1,873.81	1,800.00	1,752.79	4.91	7.38	-66.67	129.53	-323.12	285.47	277.81	7.66	37.273	
1,900.00	1,881.32	1,805.25	1,757.43	4.95	7.43	-66.82	130.33	-325.45	287.64	279.93	7.71	37.322	
2,000.00	1,974.81	1,890.09	1,831.57	5.57	8.27	-66.86	143.71	-364.43	316.64	308.25	8.39	37.754	
2,100.00	2,068.29	1,973.40	1,902.85	6.21	9.18	-67.32	157.72	-405.22	349.11	340.02	9.09	38.390	
2,200.00	2,161.77	2,055.73	1,971.70	6.87	10.12	-67.33	172.37	-447.90	384.76	374.95	9.81	39.208	
2,300.00	2,255.26	2,148.45	2,048.45	7.55	11.25	-67.17	189.27	-497.12	421.80	411.23	10.58	39.885	
2,400.00	2,348.74	2,241.17	2,125.19	8.24	12.38	-66.88	206.17	-546.34	458.91	447.54	11.37	40.362	
2,500.00	2,442.22	2,333.90	2,201.94	8.94	13.52	-65.48	223.06	-595.55	496.07	483.87	12.20	40.671	
2,600.00	2,535.71	2,426.62	2,278.68	9.65	14.67	-66.00	239.96	-644.77	533.27	520.22	13.05	40.858	
2,700.00	2,629.19	2,519.34	2,355.42	10.36	15.82	-66.45	256.86	-693.99	570.50	556.57	13.93	40.956	
2,800.00	2,722.87	2,612.06	2,432.17	11.08	16.98	-66.84	273.76	-743.20	607.76	592.93	14.83	40.991	
2,900.00	2,816.16	2,704.79	2,508.91	11.80	18.14	-67.19	290.66	-792.42	645.04	629.30	15.74	40.981	
3,000.00	2,909.64	2,797.51	2,585.66	12.53	19.30	-67.51	307.56	-841.64	682.34	665.67	16.67	40.939	
3,100.00	3,003.12	2,890.23	2,662.40	13.26	20.47	-67.78	324.45	-890.86	719.65	702.05	17.61	40.874	
3,200.00	3,096.60	2,982.96	2,739.14	13.99	21.63	-68.04	341.35	-940.07	756.98	738.43	18.56	40.795	
3,300.00	3,190.09	3,075.68	2,815.89	14.72	22.80	-68.27	358.25	-989.29	794.32	774.81	19.51	40.706	
3,400.00	3,283.57	3,168.40	2,892.63	15.45	23.98	-68.47	375.15	-1,038.51	831.67	811.19	20.48	40.611	
3,500.00	3,377.05	3,261.12	2,969.38	16.18	25.15	-68.66	392.05	-1,087.72	869.03	847.58	21.45	40.514	
3,600.00	3,470.54	3,353.85	3,046.12	16.92	26.32	-68.84	408.94	-1,136.94	906.40	883.97	22.43	40.414	
3,700.00	3,564.02	3,446.57	3,122.86	17.66	27.49	-69.00	425.84	-1,186.16	943.77	920.36	23.41	40.315	
3,800.00	3,657.50	3,539.29	3,199.61	18.39	28.67	-69.15	442.74	-1,235.38	981.15	956.75	24.40	40.217	
3,900.00	3,750.99	3,632.01	3,276.35	19.13	29.85	-69.28	459.64	-1,284.59	1,018.53	993.14	25.39	40.121	
4,000.00	3,844.47	3,724.74	3,353.10	19.87	31.02	-69.41	476.54	-1,333.81	1,055.92	1,029.54	26.38	40.027	
4,100.00	3,937.95	3,817.46	3,429.84	20.61	32.20	-69.53	493.43	-1,383.03	1,093.31	1,065.93	27.38	39.935	
4,200.00	4,031.44	3,910.18	3,506.58	21.35	33.38	-69.64	510.33	-1,432.24	1,130.71	1,102.33	28.38	39.846	
4,300.00	4,124.92	4,002.91	3,583.33	22.09	34.55	-69.75	527.23	-1,481.46	1,168.11	1,138.73	29.38	39.760	
4,400.00	4,218.40	4,095.63	3,660.07	22.83	35.73	-69.84	544.13	-1,530.68	1,205.51	1,175.13	30.38	39.676	
4,488.56	4,301.19	4,177.74	3,728.03	23.49	36.78	-69.92	559.09	-1,574.26	1,238.64	1,207.36	31.27	39.605	
4,500.00	4,311.90	4,188.35	3,736.81	23.57	36.91	-70.04	561.03	-1,579.89	1,242.93	1,211.49	31.44	39.534	
4,600.00	4,406.29	4,280.74	3,813.28	24.11	38.09	-70.98	577.86	-1,628.93	1,281.17	1,248.45	32.72	39.157	
4,700.00	4,502.03	4,372.45	3,889.19	24.59	39.25	-71.77	594.58	-1,677.61	1,320.73	1,286.84	33.89	38.972	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation



Company: BILL BARRETT CORP  
 Project: CARBON COUNTY, UT (NAD 27)  
 Reference Site: SECTION 27 T12S R16E  
 Site Error: 0.00ft  
 Reference Well: PETERS POINT UF 15-27-12-16  
 Well Error: 0.00ft  
 Reference Wellbore: PT PT 15-27-12-16  
 Reference Design: Design #1

Local Co-ordinate Reference:  
 TVD Reference:  
 MD Reference:  
 North Reference:  
 Survey Calculation Method:  
 Output errors are at  
 Database:  
 Offset TVD Reference:

Well PETERS POINT UF 15-27-12-16  
 WELL @ 7211.00ft (Original Well Elev)  
 WELL @ 7211.00ft (Original Well Elev)  
 True  
 Minimum Curvature  
 2.00 sigma  
 Compass  
 Offset Datum:

Offset Design SECTION 27 T12S R16E - PETERS POINT UF 11-27-12-16 - PT PT 11-27-12-16 - Design #1													Offset Site Error: 0.00 ft
Survey Program: CMWD													Offset Well Error: 0.00 ft
Reference	Offset	Semi Major Axis		Distance		Minimum Separation		Warning					
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N-S (ft)	+E-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Warning	
4,800.00	4,598.94	4,463.30	3,964.39	25.00	40.41	72.44	611.14	-1,725.84	1,361.58	1,326.63	34.95	38.953	
4,900.00	4,696.84	4,553.14	4,038.74	25.36	41.55	72.99	627.51	-1,773.52	1,403.71	1,367.79	35.92	39.081	
5,000.00	4,795.52	4,641.78	4,112.10	25.65	42.68	73.44	643.66	-1,820.57	1,447.14	1,410.35	36.79	39.334	
5,100.00	4,894.82	4,729.05	4,184.34	25.88	43.79	73.81	659.57	-1,866.90	1,491.90	1,464.32	37.58	39.697	
5,200.00	4,994.53	4,814.80	4,255.31	26.06	44.88	74.12	675.19	-1,912.41	1,538.05	1,499.74	38.31	40.152	
5,300.00	5,094.48	4,898.85	4,324.87	26.17	45.95	74.40	690.51	-1,957.02	1,585.64	1,546.66	38.98	40.682	
5,320.52	5,115.00	4,915.87	4,338.96	26.19	46.17	-36.23	693.61	-1,966.06	1,595.59	1,542.27	53.32	29.925	
5,400.00	5,194.48	4,981.65	4,393.41	26.26	47.00	-37.08	705.60	-2,000.98	1,634.39	1,581.07	53.32	30.651	
5,500.00	5,294.48	5,064.42	4,461.92	26.35	48.06	-38.09	720.69	-2,044.91	1,683.63	1,630.30	53.33	31.571	
5,600.00	5,394.48	5,147.19	4,530.42	26.44	49.11	-39.06	735.77	-2,088.84	1,733.28	1,679.94	53.34	32.497	
5,700.00	5,494.48	5,202.26	4,600.06	26.53	50.87	-40.70	763.39	-2,169.29	1,782.68	1,729.50	53.18	33.522	
5,800.00	5,594.48	5,603.58	4,926.46	26.63	53.53	-43.09	808.96	-2,302.01	1,824.59	1,771.76	52.83	34.540	
5,900.00	5,694.48	5,944.57	5,247.11	26.72	55.58	-44.81	846.34	-2,410.88	1,855.13	1,802.48	52.65	35.237	
6,000.00	5,794.48	6,315.94	5,611.45	26.82	56.78	-45.76	869.00	-2,476.88	1,872.20	1,819.48	52.71	35.517	
6,100.00	5,894.48	6,599.46	5,894.48	26.92	57.09	-45.93	873.35	-2,489.56	1,875.36	1,823.14	52.22	35.911	
6,200.00	5,994.48	6,699.46	5,994.48	27.02	57.14	-45.93	873.35	-2,489.56	1,875.36	1,822.94	52.42	35.775	
6,300.00	6,094.48	6,799.46	6,094.48	27.12	57.19	-45.93	873.35	-2,489.56	1,875.36	1,822.74	52.62	35.638	
6,400.00	6,194.48	6,899.46	6,194.48	27.23	57.24	-45.93	873.35	-2,489.56	1,875.36	1,822.53	52.83	35.501	
6,500.00	6,294.48	6,999.46	6,294.48	27.33	57.29	-45.93	873.35	-2,489.56	1,875.36	1,822.33	53.03	35.362	
6,600.00	6,394.48	7,099.46	6,394.48	27.44	57.34	-45.93	873.35	-2,489.56	1,875.36	1,822.12	53.24	35.222	
6,700.00	6,494.48	7,199.46	6,494.48	27.55	57.40	-45.93	873.35	-2,489.56	1,875.36	1,821.90	53.46	35.082	
6,800.00	6,594.48	7,299.46	6,594.48	27.66	57.45	-45.93	873.35	-2,489.56	1,875.36	1,821.69	53.67	34.941	
6,900.00	6,694.48	7,399.46	6,694.48	27.77	57.51	-45.93	873.35	-2,489.56	1,875.36	1,821.47	53.89	34.799	
7,000.00	6,794.48	7,499.46	6,794.48	27.88	57.57	-45.93	873.35	-2,489.56	1,875.36	1,821.25	54.11	34.656	
7,100.00	6,894.48	7,599.46	6,894.48	27.99	57.62	-45.93	873.35	-2,489.56	1,875.36	1,821.02	54.34	34.513	
7,200.00	6,994.48	7,699.46	6,994.48	28.11	57.68	-45.93	873.35	-2,489.56	1,875.36	1,820.79	54.57	34.369	
7,300.00	7,094.48	7,799.46	7,094.48	28.22	57.74	-45.93	873.35	-2,489.56	1,875.36	1,820.56	54.80	34.224	
7,400.00	7,194.48	7,899.46	7,194.48	28.34	57.80	-45.93	873.35	-2,489.56	1,875.36	1,820.33	55.03	34.080	
7,500.00	7,294.48	7,999.46	7,294.48	28.46	57.86	-45.93	873.35	-2,489.56	1,875.36	1,820.09	55.26	33.934	
7,600.00	7,394.48	8,099.46	7,394.48	28.58	57.92	-45.93	873.35	-2,489.56	1,875.36	1,819.86	55.50	33.789	
7,700.00	7,494.48	8,199.46	7,494.48	28.70	57.99	-45.93	873.35	-2,489.56	1,875.36	1,819.62	55.74	33.643	
7,760.52	7,555.00	8,255.98	7,555.00	28.78	58.03	-45.93	873.35	-2,489.56	1,875.36	1,819.47	55.89	33.554	



Company: BILL BARRETT CORP  
Project: CARBON COUNTY, UT (NAD 27)  
Reference Site: SECTION 27 T12S R16E  
Site Error: 0.00ft  
Reference Well: PETERS POINT UF 15-27-12-16  
Well Error: 0.00ft  
Reference Wellbore: PT PT 15-27-12-16  
Reference Design: Design #1

Local Co-ordinate Reference:  
TVD Reference:  
MD Reference:  
North Reference:  
Survey Calculation Method:  
Output errors are at  
Database:  
Offset TVD Reference:

Well PETERS POINT UF 15-27-12-16  
WELL @ 7211.00ft (Original Well Elev)  
WELL @ 7211.00ft (Original Well Elev)  
True  
Minimum Curvature  
2.00 sigma  
Compass  
Offset Datum

SECTION 27 T12S R16E - PETERS POINT UF 9-27-12-16 - PT PT 9-27-12-16 - Design #1													Offset Site Error: 0.00 ft
Survey Program: O-MWD													Offset Well Error: 0.00 ft
Reference	Offset	Semi Major Axis		Distance		Warning							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +W-B (ft)	+E-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)		
0.00	0.00	0.00	0.00	0.00	0.00	144.50	-13.14	9.37	16.14				
100.00	100.00	100.00	100.00	0.10	0.10	144.50	-13.14	9.37	16.14	15.95	0.19	84.488	
200.00	200.00	200.00	200.00	0.32	0.32	144.50	-13.14	9.37	16.14	15.50	0.64	25.198	
300.00	300.00	300.00	300.00	0.55	0.55	144.50	-13.14	9.37	16.14	15.05	1.09	14.807	
400.00	400.00	400.00	400.00	0.77	0.77	144.50	-13.14	9.37	16.14	14.60	1.54	10.484	
500.00	500.00	500.00	500.00	0.99	0.99	144.50	-13.14	9.37	16.14	14.15	1.99	8.115	
600.00	600.00	600.00	600.00	1.22	1.22	144.50	-13.14	9.37	16.14	13.70	2.44	6.619	
700.00	700.00	700.00	700.00	1.44	1.44	144.50	-13.14	9.37	16.14	13.25	2.89	5.589	
800.00	800.00	800.00	800.00	1.67	1.67	144.50	-13.14	9.37	16.14	12.80	3.34	4.836	
900.00	900.00	900.00	900.00	1.89	1.89	144.50	-13.14	9.37	16.14	12.35	3.79	4.262	
1,000.00	1,000.00	1,000.00	1,000.00	2.12	2.12	144.50	-13.14	9.37	16.14	11.90	4.24	3.810	
1,060.00	1,060.00	1,060.00	1,060.00	2.25	2.25	144.50	-13.14	9.37	16.14	11.63	4.51	3.582	
1,100.00	1,100.00	1,100.15	1,100.15	2.34	2.34	-106.77	-12.86	9.43	16.05	11.37	4.68	3.430	
1,153.07	1,153.05	1,153.34	1,153.32	2.44	2.46	-115.52	-11.65	9.67	15.86	10.96	4.90	3.238 CC, ES	
1,200.00	1,199.91	1,200.23	1,200.17	2.53	2.57	-128.84	-9.78	10.05	16.30	11.21	5.09	3.203 SF	
1,300.00	1,299.56	1,299.37	1,299.09	2.73	2.80	-161.90	-3.34	11.35	23.12	17.62	5.50	4.204	
1,400.00	1,398.75	1,396.92	1,396.14	2.96	3.02	178.28	6.26	13.28	39.91	33.99	5.92	6.744	
1,500.00	1,497.30	1,492.27	1,490.63	3.23	3.26	168.90	18.77	15.79	64.98	58.63	6.34	10.247	
1,600.00	1,595.02	1,584.88	1,581.95	3.55	3.51	163.99	33.87	18.83	97.10	90.32	6.77	14.339	
1,700.00	1,691.71	1,674.27	1,669.57	3.94	3.79	161.08	51.18	22.31	135.66	128.45	7.21	18.813	
1,800.00	1,787.21	1,760.02	1,753.07	4.40	4.08	159.12	70.29	26.15	180.25	172.59	7.66	23.523	
1,891.96	1,873.81	1,835.38	1,825.95	4.91	4.36	157.78	89.10	29.94	226.27	218.18	8.09	27.960	
1,900.00	1,881.32	1,841.80	1,832.13	4.95	4.39	157.72	90.79	30.28	230.50	222.36	8.14	28.330	
2,000.00	1,974.81	1,926.01	1,913.16	5.57	4.74	157.06	113.29	34.80	283.42	274.73	8.69	32.602	
2,100.00	2,068.29	2,010.82	1,994.75	6.21	5.11	156.60	135.96	39.36	336.37	327.10	9.28	36.264	
2,200.00	2,161.77	2,095.62	2,076.34	6.87	5.50	156.27	158.63	43.92	389.33	379.46	9.87	39.433	
2,300.00	2,255.26	2,180.43	2,157.93	7.55	5.90	156.01	181.29	48.48	442.30	431.82	10.49	42.171	
2,400.00	2,348.74	2,265.23	2,239.52	8.24	6.30	155.81	203.96	53.04	495.28	484.16	11.12	44.553	
2,500.00	2,442.22	2,350.04	2,321.12	8.94	6.72	155.65	226.63	57.60	548.26	536.50	11.76	46.637	
2,600.00	2,535.71	2,434.84	2,402.71	9.65	7.14	155.52	249.30	62.16	601.24	588.83	12.40	48.470	
2,700.00	2,629.19	2,519.64	2,484.30	10.36	7.56	155.41	271.96	66.72	654.22	641.16	13.06	50.089	
2,800.00	2,722.67	2,604.45	2,565.89	11.08	7.99	155.31	294.63	71.28	707.21	693.48	13.73	51.527	
2,900.00	2,816.16	2,689.25	2,647.48	11.80	8.42	155.23	317.30	75.84	760.19	745.80	14.40	52.808	
3,000.00	2,909.64	2,774.06	2,729.07	12.53	8.86	155.16	339.97	80.40	813.18	798.11	15.07	53.956	
3,100.00	3,003.12	2,858.66	2,810.66	13.26	9.30	155.10	362.64	84.96	866.17	850.41	15.75	54.991	
3,200.00	3,096.60	2,943.66	2,892.25	13.99	9.74	155.04	385.30	89.52	919.15	902.72	16.44	55.925	
3,300.00	3,190.09	3,028.47	2,973.85	14.72	10.18	155.00	407.97	94.07	972.14	955.02	17.12	56.774	
3,400.00	3,283.57	3,113.27	3,055.44	15.45	10.62	154.95	430.64	98.63	1,025.13	1,007.32	17.81	57.547	
3,500.00	3,377.05	3,198.08	3,137.03	16.18	11.07	154.91	453.31	103.19	1,078.12	1,059.61	18.51	58.254	
3,600.00	3,470.54	3,282.88	3,218.62	16.92	11.52	154.88	475.98	107.75	1,131.11	1,111.91	19.20	58.900	
3,700.00	3,564.02	3,367.68	3,300.21	17.66	11.96	154.84	498.64	112.31	1,184.10	1,164.20	19.90	59.495	
3,800.00	3,657.50	3,452.49	3,381.80	18.39	12.41	154.81	521.31	116.87	1,237.09	1,216.49	20.60	60.043	
3,900.00	3,750.99	3,537.29	3,463.39	19.13	12.86	154.79	543.98	121.43	1,290.08	1,268.78	21.31	60.551	
4,000.00	3,844.47	3,622.10	3,544.98	19.87	13.32	154.76	566.65	125.99	1,343.07	1,321.06	22.01	61.020	
4,100.00	3,937.95	3,706.90	3,626.57	20.61	13.77	154.74	589.31	130.55	1,396.06	1,373.35	22.72	61.457	
4,200.00	4,031.44	3,791.70	3,708.17	21.35	14.22	154.72	611.98	135.11	1,449.05	1,425.63	23.42	61.863	
4,300.00	4,124.92	3,876.51	3,789.76	22.09	14.67	154.70	634.65	139.67	1,502.05	1,477.91	24.13	62.242	
4,400.00	4,218.40	3,961.31	3,871.35	22.83	15.13	154.68	657.32	144.23	1,555.04	1,530.19	24.84	62.596	
4,488.56	4,301.19	4,036.41	3,943.60	23.49	15.53	154.66	677.39	148.26	1,601.96	1,576.49	25.47	62.891	
4,500.00	4,311.90	4,046.13	3,952.95	23.57	15.58	154.73	679.99	148.79	1,608.01	1,582.44	25.57	62.887	
4,600.00	4,406.29	4,132.18	4,035.74	24.11	16.04	155.30	702.99	153.41	1,658.92	1,632.54	26.38	62.884	
4,700.00	4,502.03	4,220.12	4,120.35	24.59	16.52	155.73	726.50	158.14	1,706.39	1,679.23	27.16	62.819	

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation



Company: BILL BARRETT CORP  
 Project: CARBON COUNTY, UT (NAD 27)  
 Reference Site: SECTION 27 T12S R16E  
 Site Error: 0.00ft  
 Reference Well: PETERS POINT UF 15-27-12-16  
 Well Error: 0.00ft  
 Reference Wellbore: PT PT 15-27-12-16  
 Reference Design: Design #1

Local Co-ordinate Reference:  
 TVD Reference:  
 MD Reference:  
 North Reference:  
 Survey Calculation Method:  
 Output errors are at  
 Database:  
 Offset TVD Reference:

Well PETERS POINT UF 15-27-12-16  
 WELL @ 7211.00ft (Original Well Elev)  
 WELL @ 7211.00ft (Original Well Elev)  
 True  
 Minimum Curvature  
 2.00 sigma  
 Compass  
 Offset Datum

Offset Design SECTION 27 T12S R16E - PETERS POINT UF 9-27-12-16 - PT PT 9-27-12-16 - Design #1													Offset Site Error: 0.00 ft
Survey Program: O-MWD													Offset Well Error: 0.00 ft
Reference	Offset	Semi Major Axis		Distance		Warning							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Tooface (")	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)		
4,800.00	4,598.94	4,309.79	4,206.63	25.00	17.00	156.04	750.47	162.96	1,750.33	1,722.42	27.91	62.709	
4,900.00	4,696.84	4,441.49	4,333.71	25.36	17.61	156.16	784.31	169.77	1,789.95	1,761.24	28.71	62.338	
5,000.00	4,795.52	4,595.95	4,484.15	25.65	18.20	156.17	818.61	176.67	1,822.97	1,793.51	29.47	61.868	
5,100.00	4,894.82	4,755.94	4,641.33	25.88	18.73	156.15	847.82	182.54	1,848.96	1,818.82	30.14	61.352	
5,200.00	4,994.53	4,920.30	4,803.95	26.06	19.20	156.07	871.08	187.22	1,867.65	1,836.93	30.72	60.798	
5,300.00	5,094.48	5,087.70	4,970.48	26.17	19.59	155.96	887.70	190.57	1,878.86	1,847.66	31.20	60.223	
5,320.52	5,115.00	5,122.31	5,004.99	26.19	19.65	45.26	890.25	191.08	1,880.22	1,858.57	21.65	86.864	
5,400.00	5,194.48	5,256.72	5,139.21	26.26	19.89	45.14	897.21	192.48	1,883.71	1,861.66	22.05	85.414	
5,500.00	5,294.48	5,412.02	5,294.48	26.35	20.09	45.10	899.54	192.95	1,884.88	1,862.31	22.57	83.519	
5,600.00	5,394.48	5,512.02	5,394.48	26.44	20.21	45.10	899.54	192.95	1,884.88	1,861.83	23.05	81.785	
5,700.00	5,494.48	5,612.02	5,494.48	26.53	20.33	45.10	899.54	192.95	1,884.88	1,861.36	23.52	80.140	
5,800.00	5,594.48	5,712.02	5,594.48	26.63	20.46	45.10	899.54	192.95	1,884.88	1,860.89	23.99	78.574	
5,900.00	5,694.48	5,812.02	5,694.48	26.72	20.58	45.10	899.54	192.95	1,884.88	1,860.43	24.45	77.080	
6,000.00	5,794.48	5,912.02	5,794.48	26.82	20.71	45.10	899.54	192.95	1,884.88	1,859.96	24.92	75.552	
6,100.00	5,894.48	6,012.02	5,894.48	26.92	20.84	45.10	899.54	192.95	1,884.88	1,859.51	25.37	74.284	
6,200.00	5,994.48	6,112.02	5,994.48	27.02	20.97	45.10	899.54	192.95	1,884.88	1,859.05	25.83	72.972	
6,300.00	6,094.48	6,212.02	6,094.48	27.12	21.10	45.10	899.54	192.95	1,884.88	1,858.60	26.28	71.711	
6,400.00	6,194.48	6,312.02	6,194.48	27.23	21.24	45.10	899.54	192.95	1,884.88	1,858.14	26.74	70.498	
6,500.00	6,294.48	6,412.02	6,294.48	27.33	21.37	45.10	899.54	192.95	1,884.88	1,857.69	27.19	69.330	
6,600.00	6,394.48	6,512.02	6,394.48	27.44	21.51	45.10	899.54	192.95	1,884.88	1,857.24	27.64	68.204	
6,700.00	6,494.48	6,612.02	6,494.48	27.55	21.65	45.10	899.54	192.95	1,884.88	1,856.80	28.08	67.116	
6,800.00	6,594.48	6,712.02	6,594.48	27.66	21.79	45.10	899.54	192.95	1,884.88	1,856.35	28.53	66.066	
6,900.00	6,694.48	6,812.02	6,694.48	27.77	21.93	45.10	899.54	192.95	1,884.88	1,855.90	28.98	65.050	
7,000.00	6,794.48	6,912.02	6,794.48	27.88	22.08	45.10	899.54	192.95	1,884.88	1,855.46	29.42	64.067	
7,100.00	6,894.48	7,012.02	6,894.48	27.99	22.22	45.10	899.54	192.95	1,884.88	1,855.02	29.86	63.114	
7,200.00	6,994.48	7,112.02	6,994.48	28.11	22.37	45.10	899.54	192.95	1,884.88	1,854.57	30.31	62.191	
7,300.00	7,094.48	7,212.02	7,094.48	28.22	22.51	45.10	899.54	192.95	1,884.88	1,854.13	30.75	61.296	
7,400.00	7,194.48	7,312.02	7,194.48	28.34	22.66	45.10	899.54	192.95	1,884.88	1,853.69	31.19	60.427	
7,500.00	7,294.48	7,412.02	7,294.48	28.46	22.81	45.10	899.54	192.95	1,884.88	1,853.25	31.63	59.584	
7,600.00	7,394.48	7,512.02	7,394.48	28.58	22.96	45.10	899.54	192.95	1,884.88	1,852.80	32.08	58.764	
7,700.00	7,494.48	7,612.02	7,494.48	28.70	23.11	45.10	899.54	192.95	1,884.88	1,852.36	32.52	57.968	
7,760.52	7,555.00	7,672.54	7,555.00	28.78	23.20	45.10	899.54	192.95	1,884.88	1,852.10	32.78	57.496	

Company: BILL BARRETT CORP  
Project: CARBON COUNTY, UT (NAD 27)  
Reference Site: SECTION 27 T12S R16E  
Site Error: 0.00ft  
Reference Well: PETERS POINT UF 15-27-12-16  
Well Error: 0.00ft  
Reference Wellbore: PT PT 15-27-12-16  
Reference Design: Design #1

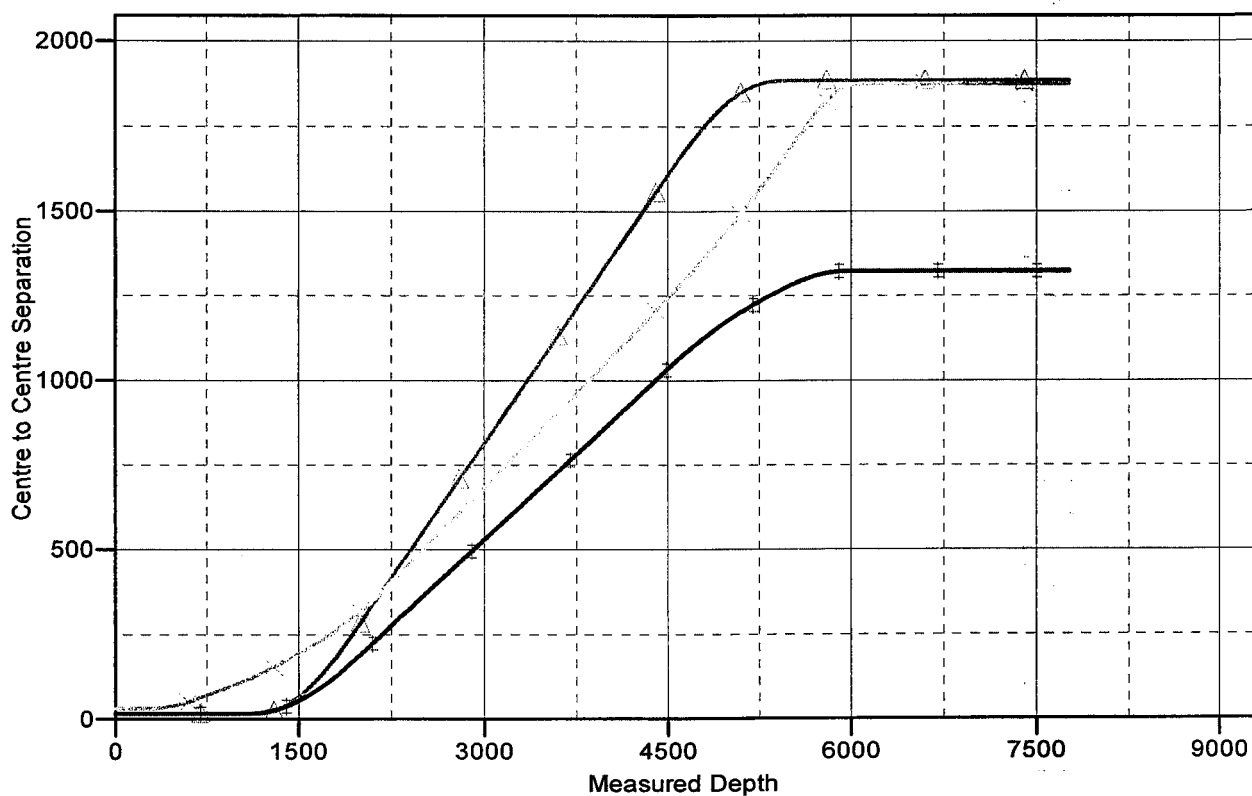
Local Co-ordinate Reference:  
TVD Reference:  
MD Reference:  
North Reference:  
Survey Calculation Method:  
Output errors are at  
Database:  
Offset TVD Reference:

Well PETERS POINT UF 15-27-12-16  
WELL @ 7211.00ft (Original Well Elev)  
WELL @ 7211.00ft (Original Well Elev)  
True  
Minimum Curvature  
2.00 sigma  
Compass  
Offset Datum

Reference Depths are relative to WELL @ 7211.00ft (Original Well Elev)  
Offset Depths are relative to Offset Datum  
Central Meridian is 111° 30' 0.0000 W °

Coordinates are relative to: PETERS POINT UF 15-27-12-16  
Coordinate System is US State Plane 1927 (Exact solution), Utah Central 4302  
Grid Convergence at Surface is: 0.89°

## Ladder Plot



## LEGEND

-16, PT PT 9-27-12-16, Design #1 V0 — PETERS POINT UF 10-27D-12-16, PT PT 10-27D-12-16, Design #1 V0 — PETERS POINT UF 11-27-12-16, PT PT 11-27D-12-16, Design #1 V0



Company: BILL BARRETT CORP  
Project: CARBON COUNTY, UT (NAD 27)  
Reference Site: SECTION 27 T12S R16E  
Site Error: 0.00ft  
Reference Well: PETERS POINT UF 15-27-12-16  
Well Error: 0.00ft  
Reference Wellbore: PT PT 15-27-12-16  
Reference Design: Design #1

Local Co-ordinate Reference:  
TVD Reference:  
MD Reference:  
North Reference:  
Survey Calculation Method:  
Output errors are at  
Database:  
Offset TVD Reference:

Well PETERS POINT UF 15-27-12-16  
WELL @ 7211.00ft (Original Well Elev)  
WELL @ 7211.00ft (Original Well Elev)  
True  
Minimum Curvature  
2.00 sigma  
Compass  
Offset Datum

Reference Depths are relative to WELL @ 7211.00ft (Original Well Elev)

Offset Depths are relative to Offset Datum

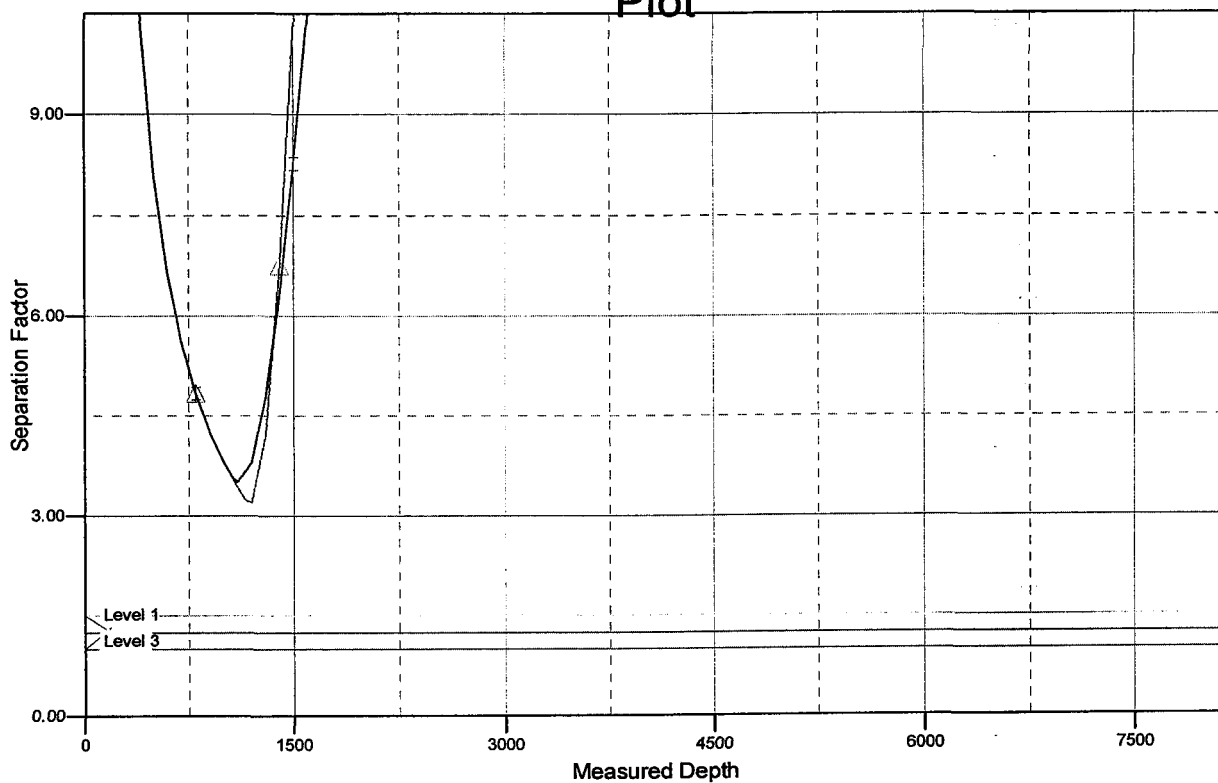
Central Meridian is 111° 30' 0.0000 W°

Coordinates are relative to: PETERS POINT UF 15-27-12-16

Coordinate System is US State Plane 1927 (Exact solution), Utah Central 4302

Grid Convergence at Surface is: 0.89°

## Separation Factor Plot



## LEGEND

-16, PT PT 9-27-12-16, Design #1 V0 PETERS POINT UF 10-27D-12-16, PT PT 10-27D-12-16, Design #1 V0 PETERS POINT UF 11-27-12-16, PT PT 11-27D-12-16, Design #1 V0

## **PRESSURE CONTROL EQUIPMENT – Schematic Attached**

**A. Type:** Eleven (11) Inch Double Gate Hydraulic BOP with Eleven (11) Inch Annular Preventer. The blow out preventer will be equipped as follows:

1. One (1) blind ram (above).
2. One (1) pipe ram (below).
3. Drilling spool with two (2) side outlets (choke side 3-inch minimum, kill side 2-inch minimum).
4. 3-inch diameter choke line.
5. Two (2) choke line valves (3-inch minimum).
6. Kill line (2-inch minimum).
7. Two (2) chokes.
8. Two (2) kill line valves, one of which shall be a check valve (2-inch minimum).
9. Upper kelly cock valve with handles available.
10. Safety valve(s) & subs to fit all drill string connections in use.
11. Pressure gauge on choke manifold.
12. Fill-up line above the uppermost preventer.

**B. Pressure Rating:** 3,000 psi

**C. Testing Procedure:**

### *Annular Preventer*

At a minimum, the Annular Preventer will be pressure tested to 50% of the rated working pressure for a period of ten (10) minutes or until provisions of the test are met, whichever is longer.

At a minimum the above pressure test will be performed:

1. When the annular preventer is initially installed;
2. Whenever any seal subject to test pressure is broken;
3. Following related repairs; and
4. At thirty (30) day intervals.

In addition, the Annular Preventer will be functionally operated at least weekly.

### *Blow-Out Preventer*

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack (if isolated from the surface casing by a test plug) or to 70% of the internal yield strength of the surface casing (if the BOP is not isolated from the casing by a test plug). Pressure will be

maintained for a period of at least ten (10) minutes or until the requirements of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

1. When the BOP is initially installed;
2. Whenever any seal subject to test pressure is broken;
3. Following related repairs; and
4. At thirty (30) day intervals.

In addition the pipe and blind rams will be activated each trip, but not more than once each day. All BOP drills and tests will be recorded in the IADC driller's log.

#### **D. Choke Manifold Equipment:**

All choke lines will be straight lines unless turns use tee blocks or are targeted with running tees, and will be anchored to prevent whip and vibration.

#### **E. Accumulator:**

The accumulator will have sufficient capacity to open the hydraulically-controlled choke line valve (if so equipped), close all rams plus the annular preventer, and retain a minimum of 200 psi above precharge on the closing manifold without the use of closing unit pumps. The fluid reservoir capacity will be double the usable fluid volume of the accumulator system capacity and the fluid level of the reservoir will be maintained at the manufacturer's recommendations.

The BOP system will have two (2) independent power sources to close the preventers. Nitrogen bottles (3 minimum) will be one (1) of these independent power sources and will maintain a charge equal to the manufacturer's specifications.

The accumulator precharge pressure test will be conducted prior to connecting the closing unit to the BOP stack and at least once every six (6) months thereafter. The accumulator pressure will be corrected if the measured precharge pressure is found to be above or below the maximum or minimum limits specified in the *Onshore Oil & Gas Order Number 2*.

A manual locking device (i.e. hand wheels) or automatic locking device will be installed on all systems of 2M or greater. A valve will be installed in the closing line as close as possible to the annular preventer to act as a locking device. This valve will be maintained in the open position and will be closed only when the power source for the accumulator is inoperative.

Remote controls shall be readily accessible to the driller. Remote controls for all 3M or greater systems will be capable of closing all preventers. Remote controls for 5M or greater systems will be capable of both opening and closing all preventers. Master controls will be at the accumulator and will be capable of opening and closing all preventers and the choke line valve (if so equipped).

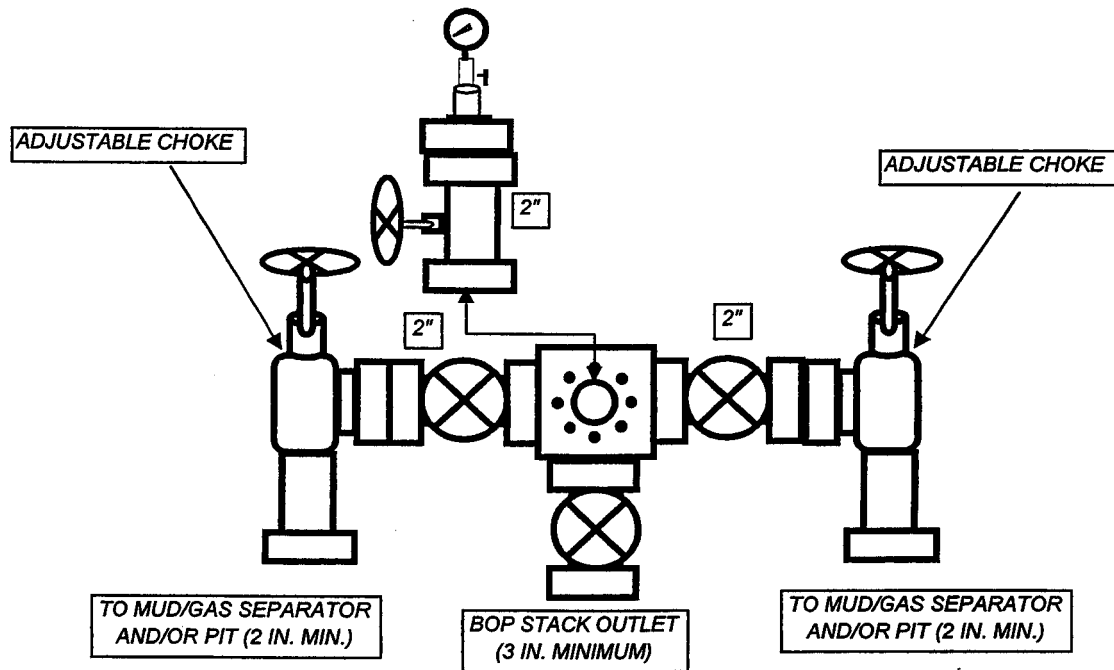
**F. Miscellaneous Information:**

The Blow-Out Preventer and related pressure control equipment will be installed, tested and maintained in compliance with the specifications in and requirements of *Onshore Oil & Gas Order Number 2*. The choke manifold will be located outside the rig sub-structure. The hydraulic BOP closing unit will be located at least twenty-five (25) feet from the well head but readily accessible to the driller. Exact locations and configurations of the hydraulic BOP closing unit will depend upon the particular rig contracted to drill this hole.

A flare line will be installed after the choke manifold, extending 125 feet (minimum) from the center of the drill hole to a separate flare pit.

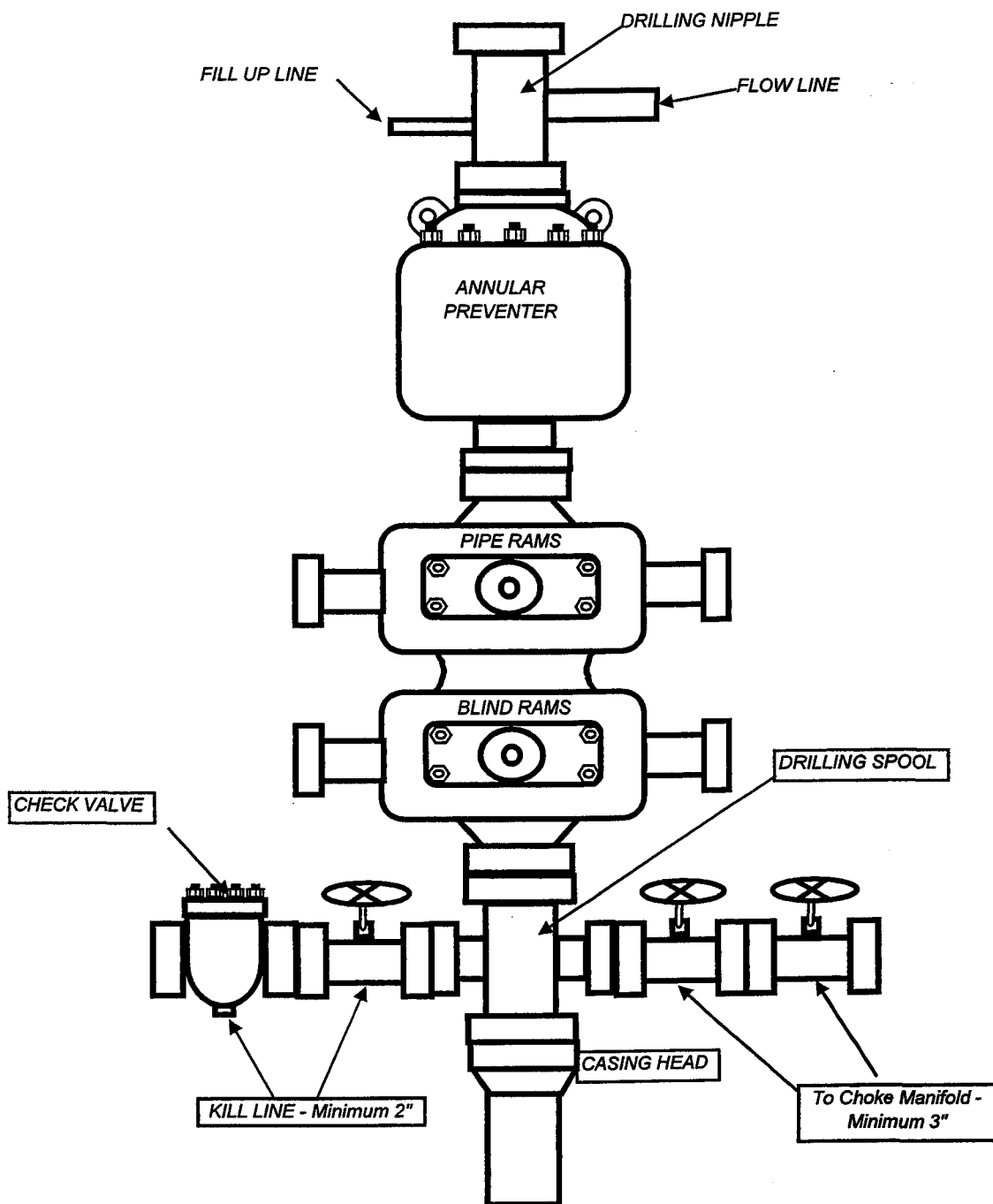
# BILL BARRETT CORPORATION

## TYPICAL 3,000 p.s.i. CHOKE MANIFOLD



# BILL BARRETT CORPORATION

## TYPICAL 3,000 p.s.i. BLOWOUT PREVENTER



## SURFACE USE PLAN

### **BILL BARRETT CORPORATION** **Peter's Point Unit Federal 16-27-12-16 Pad Wells**

<b><u>Peter's Point Unit Federal #9-27D-12-16</u></b> SESE, 1050' FSL, 790' FEL, Sec. 27, T12S-R16E (surface hole) NESE, 1963' FSL, 608' FEL, T12S-R16E (bottom hole) Carbon County, Utah	<b><u>Peter's Point Unit Federal #15-27D-12-16</u></b> SESE, 1063' FSL, 799' FEL, Sec. 27, T12S-R16E (surface hole) SWSE, 628' FSL, 1941' FEL, Sec. 27, T12S-R16E (bottom hole) Carbon County, Utah
<b><u>Peter's Point Unit Federal #10-27D-12-16</u></b> SESE, 1075' FSL, 809' FEL, Sec. 27, T12S-R16E (surface hole) NWSE, 1952' FSL, 1947' FEL, Sec. 27, T12S-R16E (bottom hole) Carbon County, Utah	<b><u>Peter's Point Unit Federal #11-27D-12-16</u></b> SESE, 1088' FSL, 819' FEL, Sec. 27, T12S-R16E (surface hole) NESW, 1929' FSL, 1993' FWL, Sec. 27, T12S-R16E (bottom hole) Carbon County, Utah

The onsite for this pad occurred on April 11, 2008. This is an existing pad with one vertical well (the 16-27-12-15) and four additional directional wells are planned. Minimal additional disturbance is required for expansion to accommodate the additional wells.

The excavation contractor would be provided with an approved copy of the surface use plan of operations before initiating construction.

1. Existing Roads:

- a. The existing well pad is located approximately 50 miles from Myton, Utah. Maps reflecting directions to the proposed well pad are included (see Topographic Maps A and B).
- b. An access road, approximately 663 feet in length exists to this pad. Total road disturbance requested for this access is 50-feet.
- c. Surface disturbance and vehicular travel would be limited to the approved existing access road. Adequate signs would be posted, as necessary, to warn the public of project related traffic.
- d. BBC would be responsible for all maintenance of the access road including drainage structures.
- e. The use of roads under State and County Road Department maintenance is necessary to access the Peter's Point Unit. However, an encroachment permit is not anticipated since there are no upgrades proposed to the State or County road systems at this time.
- f. All existing roads would be maintained and kept in good repair during all phases of operation.
- g. Vehicle operators would obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions.

2. Planned Access Road:

- a. See 1. b. under Existing Roads.

3. Location of Existing Wells (see Topographic Map C):

- a. Following is a list of wells with surface hole locations within a one-mile radius of the proposed well:

i. water wells	none
ii. injection wells	none
iii. disposal wells	none
iv. drilling wells	none
v. temp shut-in wells	none
vi. producing wells	six
vii. abandoned wells	none

4. Location of Production Facilities (see enclosed "Proposed Facility Layout"):

- a. All facilities for this pad would be located adjacent to the existing facilities for the Peter's Point 16-27. Each well would have its own meter run and separator and four (4) additional 400-bbl tanks would be installed as necessary.
- b. All permanent above-ground structures would be painted a flat, non-reflective Olive Black to match the standard environmental colors. All facilities would be painted the designated color at the time of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
- d. Site security guidelines identified in 43 CFR 3162.7-5 and Onshore Oil and Gas Order No. 3 would be adhered to.
- e. Gas meter runs would be constructed and located on lease within 500 feet of the wellheads. Meter runs are housed and/or fenced. All gas production and measurement shall comply with the provisions of 43 CFR 3162.7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3. Use of electronic flow meter (EFMs) for gas measurement purposes is requested with this application as well as use of flow conditioners (versus straightening vanes) for each new well.
- f. A tank battery exists on this lease and would be modified as per the proposed facility layout to include additional equipment. All loading lines and valves would be placed inside the berm surrounding the tank battery or would have a secondary containment vessel. All liquid hydrocarbon production and measurement shall conform to the provisions of 43 CFR 3162.7-2 and Onshore Oil and Gas Order No. 4 for the measurement of oil. BBC requests permission to install the necessary production/operation facilities with this application.
- g. Any necessary pits would be properly fenced to prevent any wildlife and livestock entry.
- h. All access roads would be maintained as necessary to prevent erosion and accommodate year-round traffic as practicable. The roads would be maintained in a safe, useable condition.

- i. The site would require periodic maintenance to ensure that drainages are kept open and free of debris and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.
- j. A 6-inch buried gas pipeline, approximately 783 feet in length, exists to this location.

5. Location and Type of Water Supply:

- a. Bill Barrett Corporation would use water consistent with approvals granted by the Utah State Engineer's Office under Application Number 90-1853 (T76109) which expires April 3, 2009 or an existing water well in Sec. 13, T12S-R14E granted by the Utah State Engineer's Office under Application Number 90-1849 (T75896) which expires September 13, 2008.
- b. Water use for this location will most likely be diverted from Nine Mile Creek, the S¼ of Section 8, T12S-R16E or from a water well located in the N¼ of State Section 32-T12S-R16E. For either of these sources, bobtail trucks would haul the water, traveling Cottonwood Canyon dugway to Peter's Point road.

6. Source of Construction Material:

- a. The use of materials would conform to 43 CFR 3610.2-3.
- b. No construction materials would be taken off-lease.
- c. If any additional gravel is required, it would be obtained from SITLA materials permits or from federal BBC locations within the Peter's Point unit.

7. Methods of Handling Waste Disposal:

- a. All wastes associated with this application would be contained and disposed of utilizing approved facilities.
- b. Drill cuttings would be contained and buried on site.
- c. The fluids in the existing reserve pit for the Peter's Point 16-27 well will be disposed of or evaporated prior to the expansion of the pit, which is necessary to accommodate the additional wells. The reserve pit is located outboard of the location along the southwest side of the pad.
- d. The reserve pit would be constructed so as not to leak, break or allow any discharge.
- e. Due to the expansion necessary, the reserve pit would be re-lined with a 12 mil minimum thickness polyethylene nylon reinforced liner material. The liner would overlay straw, soil and/or bentonite if rock is encountered during excavation. The pit liner would overlap the pit walls and be anchored with soil and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner would be disposed of in the pit. Pit walls would be sloped no greater than 2:1 and the depth of the reserve pit would be approximately 8-feet with a minimum of 2 foot freeboard.

- f. The reserve pit has been located in cut material. Three sides of the reserve pit would be fenced before drilling starts. The fourth side would be fenced as soon as drilling is completed and shall remain until the pit is dry. After the reserve pit has dried, all areas not needed for production would be rehabilitated as per the plans for reclamation of surface (10. below).
- g. Chemicals on the EPA's Consolidated List of Chemicals subject to reporting under Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) in quantities over 10,000 pounds that may be used, produced, stored, transported or disposed of annually in association with the drilling, testing or completion of each well include diesel fuel, hydrochloric acid and silica sand. This material would be consumed in the drilling and completion process. No extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities would be used, produced, stored, transported or disposed of in association with the drilling, testing or completion of the wells.
- h. Trash would be contained in a trash cage or roll-off container and hauled away to an approved disposal site as necessary but no later than at the completion of drilling operations. The contents of the trash container would be hauled off periodically to the approved Carbon or Uintah County Landfill.
- i. Produced fluids from each well other than water would be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas, salt water or other produced fluids would be cleaned up and removed.
- j. After initial clean-up and based on volumes, BBC would install a tank (maximum size 400 barrel capacity) to contain produced waste water. After first production, produced wastewater would be confined to a lined pit or storage tank for a period not to exceed ninety (90) days. Thereafter, produced water would be used in further drilling and completion activities, evaporated in the pit, or hauled to a State approved disposal facility.
- k. Any salts and/or chemicals, which are an integral part of the drilling system, would be disposed of in the same manner as the drilling fluid.
- l. Sanitary facilities would be on site at all times during operations. Sewage would be placed in a portable chemical toilet and the toilet replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Price or Vernal Wastewater Treatment Facility in accordance with state and county regulations.
- m. Any liquid hydrocarbons produced during completion work would be contained in test tanks on the well location. The tanks would be removed from location at a later date. A flare pit may be constructed a minimum of 110' from the wellheads and may be used during completion work. In the event a flare pit proves to be unworkable in this situation, a flare stack would be installed. BBC would flow back as much fluid and gas as possible into vessels, separating the fluid from the gas. The fluid would then be either returned to the reserve pit or placed into a tank. Gas would be then directed into the flare pit or the flare stack with a constant source of ignition. Natural gas would be directed to the pipeline as soon as pipeline gas quality standards are met.

- n. Hydrocarbons would be removed from the reserve pit as soon as practical. In the event immediate removal is not practical, the reserve pit would be flagged overhead or covered with wire or plastic mesh to protect migrating birds.

8. Ancillary Facilities:

- a. Garbage containers and portable toilets are the only ancillary facilities proposed in this application

9. Well Site Layout:

- a. Each well would be properly identified in accordance with 43 CFR 3162.6.
- b. The rig layout and cross section diagrams are enclosed (see Location Layout and Cross Section Plats).
- c. The pad and road designs are consistent with BLM specifications.
- d. Minimal additional disturbance is necessary to accommodate the additional wells being added. The pad dimensions are 490' x 175' with a reserve pit of 248' x 100'.
- e. All surface disturbing activities would be supervised by a qualified, responsible company representative who is aware of the terms and conditions of the APD and specifications in the approved plans.
- f. All cut and fill slopes would be such that stability can be maintained for the life of the activity.
- g. Diversion ditches would be constructed, if necessary, around the well pad to prevent surface waters from entering the area.
- h. The stockpiled topsoil (first 6 inches or maximum available) would be stored in a windrow on the uphill side of the location to prevent any possible contamination. All topsoil would be stockpiled for reclamation in such a way as to prevent soil loss and contamination.
- i. Pits would remain fenced until site cleanup.
- j. If air drilling occurs, the blooie line would be located at least 100 feet from the individual well head and would run from the each wellhead directly to the pit.
- k. Water application may be implemented if necessary to minimize the amount of fugitive dust.

10. Plan for Restoration of the Surface:

Producing Wells

- a. Rat and mouse holes would be filled and compacted from bottom to top immediately upon release of the drilling rig from location.
- b. The reserve pit would be closed as soon as reasonably practical, but no later than 90 days from completion of the last well on the pad, provided favorable weather conditions and that there are no plans to re-use the pit within one year. An extension may be given at the discretion of the BLM Authorized Officer. The following are requirements for pit closures:
  - Squeezing of pit fluids and cuttings is prohibited;
  - Pits must be dry of fluids or they must be removed via vac-truck or other environmentally acceptable method prior to backfilling, re-contouring and replacement of topsoil;
  - Mud and cuttings left in pit must be buried at least 3-feet below re-contoured grade;
  - If a liner was used, the polyethylene nylon reinforced liner shall be torn and perforated before backfilling;
  - The operator would be responsible for re-contouring any subsidence areas that develop from closing a pit before it is sufficiently dry.
  - The operator shall contact the BLM Authorized Officer at least 48-hours prior to the filling and reclamation of pits and the start of any reclamation such as recontouring and reseeding.
- c. Reclamation requirements would be dependant upon plans for subsequent drilling activity on the pad. The operator shall contact the BLM Authorized Officer **within 90 days of completion of the last well on the pad** and provide plans for subsequent pad use.
  - In the event that the operator plans to re-occupy the pad within three years, the operator shall seed the unused portions of the pad with a cover crop as approved for this use by the BLM. If necessary, this cover crop would be replanted each year that the pad remains in an un-reclaimed state. Unless otherwise specifically authorized, no pad shall remain in an un-reclaimed state for more than three years.
    - Cover crops would be seeded by broadcasting seed over all unused portions of the pad. Seed would be covered with soil to the appropriate depth by raking or other methods.
  - In the event there are no plans to re-occupy the pad within three years, interim reclamation activities would begin within 90 days. The operator would use the BLM approved seed mix and would seed during the first suitable seeding season.
    - Interim reclamation drill seeding would be conducted on the contour to a depth of 0.5 inch, followed by cultipaction to compact the seedbed, preventing soil and seed losses. To maintain quality and purity, the current years tested, certified seed with a minimum germination rate of 80% and a minimum purity of 90% would be used.

- Topsoil salvaged from the drill site and stored for more than one year would be placed at the location indicated on the well site layout drawing and graded to a depth optimum to maintain topsoil viability, seeded with the BLM prescribed seed mixture and covered with mulch for protection from wind and water erosion and to discourage the invasion of weeds.
- d. The operator would control noxious weeds along access road use authorizations, pipeline route authorizations, well sites or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the BLM or the appropriate county extension office. On BLM administered land it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.

Dry Hole

- a. All disturbed lands associated with this project, including the pipelines, access roads, water management facilities, etc. would be expediently reclaimed and reseeded in accordance with the reclamation plan and any pertinent site-specific COAs.
11. Surface and Mineral Ownership:
- a. Surface ownership – Federal under the management of the Bureau of Land Management – Price Field Office, 125 South 600 West, Price Utah 84078; (435) 636-3600.
- b. Mineral ownership – Federal under the management of the Bureau of Land Management – Price Field Office, 125 South 600 West, Price Utah 84078; (435) 636-3600.
12. Other Information:
- a. Montgomery Archaeological Consultants conducted Class III archeological surveys. Copies of the reports were submitted under separate cover to the appropriate agencies by Montgomery as MOAC Report No. 07-251 dated July 16, 2007.
- b. Intermountain Paleo Consulting, Inc. conducted monitoring activities at the time of construction on the Peter's Point 16-27 pad, IPC Report No. 07-201 dated September 24, 2007. No fossils were found and additional disturbance is minimal; BBC therefore requests relief on monitoring for this location.
- c. Areas in the proposed drilling program where fluids escaping the wellbore and exiting onto a hillside might occur will be identified. In those cases, cement and/ or fluid loss compounds (types of lost circulation fluids) would be utilized to heal up vags and cracks. Upon individual evaluation of the proposed well sites, air drilling the hole to surface casing depth may occur.
- d. A combustor may be installed at this location for control of associated condensate tank emissions. A combustor ranges from 24" to 48" wide and is approximately 10' tall. Combustor placement would be on existing disturbance and would not be closer than 100' to any tank or wellhead.



## OPERATOR CERTIFICATION

### Certification:

I hereby certify that I, or someone under my direction supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein would be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application. These statements are subject to the provisions of 18 U.S.C. 1001 for the filings of false statements.

Executed this 28th day of April 2008

Name: Tracey Fallang

Position Title: Regulatory Analyst

Address: 1099 18<sup>th</sup> Street, Suite 2300, Denver, CO 80202

Telephone: 303-312-8134

Field Representative Fred Goodrich

Address: 1820 W. Hwy 40, Roosevelt, UT 84066

Telephone: 435-725-3515

E-mail: \_\_\_\_\_

Tracey Fallang  
Tracey Fallang, Environmental/Regulatory Analyst

**BILL BARRETT CORPORATION**  
**PRICKLY PEAR UNIT FEDERAL #9-27D-12-16,**  
**#15-27D-12-16, #10-27D-12-16 & #11-27D-12-16**  
**SECTION 27, T12S, R16E, S.L.B.&M.**

PROCEED IN A SOUTHWESTERLY DIRECTION FROM MYTON, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 1.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY, THEN SOUTHWESTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 1.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 28.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 6.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY, THEN SOUTHERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 7.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 1.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 3.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN LEFT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM MYTON, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 50.2 MILES.

# BILL BARRETT CORPORATION

PRICKLY PEAR UNIT FEDERAL #9-27D-12-16, #15-27D-12-15, #10-27D-12-15 & #11-27D-12-15  
LOCATED IN CARBON COUNTY, UTAH  
SECTION 27, T12S, R16E, S.L.B.&M.

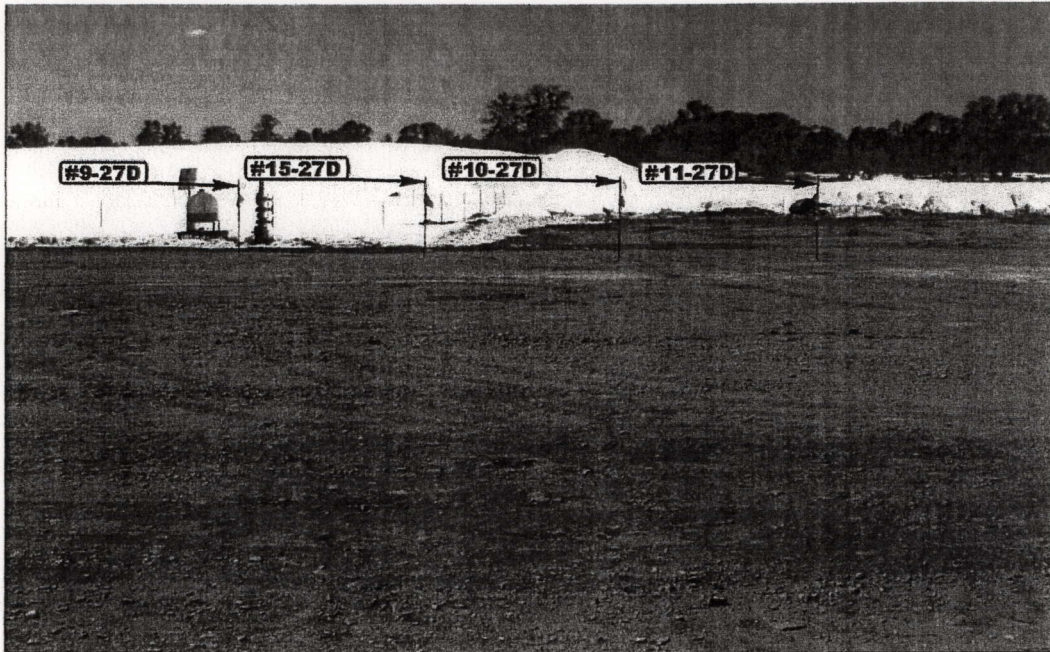


PHOTO: VIEW OF LOCATION STAKES

CAMERA ANGLE: SOUTHWESTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHEASTERLY



U  
E  
L  
S

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078  
435-789-1017 uels@uelsinc.com

• Since 1964 •

LOCATION PHOTOS

03 24 08  
MONTH DAY YEAR

PHOTO

TAKEN BY: D.R.

DRAWN BY: C.P.

REVISED: 00-00-00

# BILL BARRETT CORPORATION

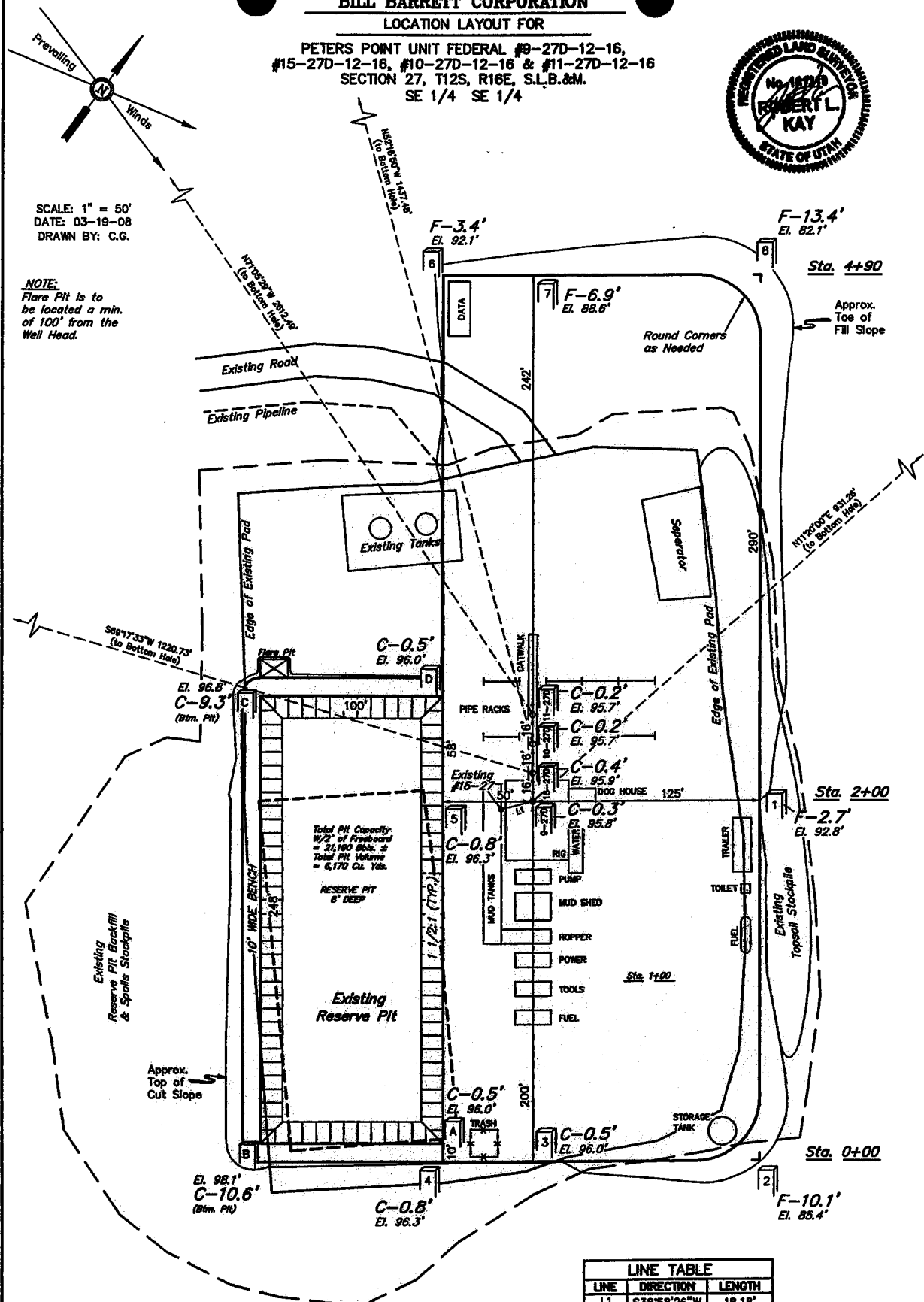
## LOCATION LAYOUT FOR

PETERS POINT UNIT FEDERAL #9-27D-12-16,  
#15-27D-12-16, #10-27D-12-16 & #11-27D-12-16  
SECTION 27, T12S, R16E, S.L.B.&M.  
SE 1/4 SE 1/4



SCALE: 1" = 50'  
DATE: 03-19-08  
DRAWN BY: C.G.

**NOTE:**  
Flare Pit is to  
be located a min.  
of 100' from the  
Well Head.



Elev. Ungraded Ground at #9-27D-12-16 Location Stake = 7195.8'  
Elev. Graded Ground at #9-27D-12-16 Location Stake = 7195.5'

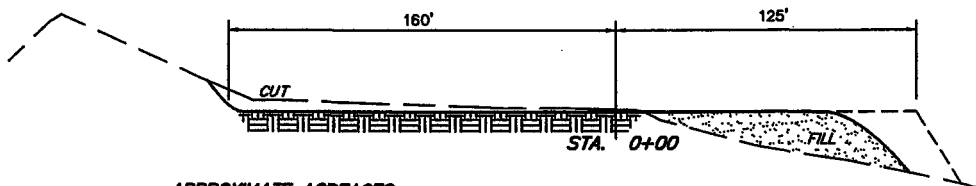
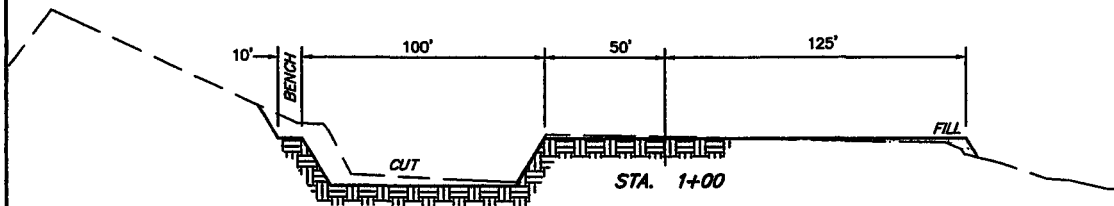
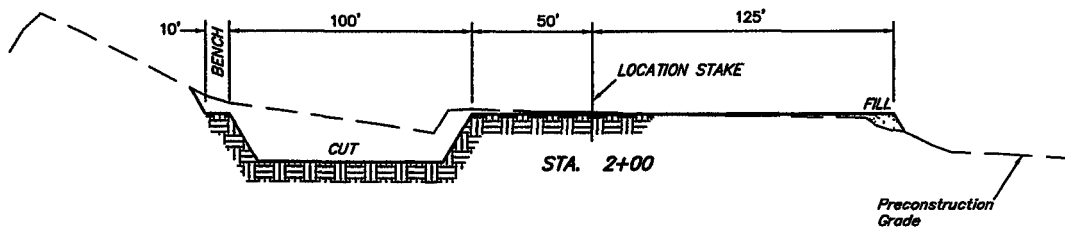
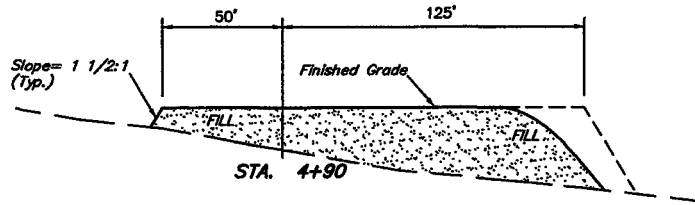
UNTAEH ENGINEERING & LAND SURVEYING  
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1077

1" = 20'  
X-Section  
Scale  
1" = 50'  
DATE: 03-19-08  
DRAWN BY: C.G.

# BILL BARRETT CORPORATION

## TYPICAL CROSS SECTIONS FOR

PETERS POINT UNIT FEDERAL #9-27D-12-16,  
#15-27D-12-16, #10-27D-12-16 & #11-27D-12-16  
SECTION 27, T12S, R16E, S.L.B.&M.  
SE 1/4 SE 1/4



### APPROXIMATE ACREAGES

EXISTING WELL SITE DISTURBANCE = ± 3.696 ACRES  
PROPOSED WELL SITE DISTURBANCE = ± 0.464 ACRES  
TOTAL = ± 4.160 ACRES

\* NOTE:  
FILL QUANTITY INCLUDES  
5% FOR COMPACTION

### APPROXIMATE YARDAGES

CUT  
(6") Topsoil Stripping = 370 Cu. Yds.  
(New Construction Only)  
Remaining Location = 3,820 Cu. Yds.  
TOTAL CUT = 4,190 CU.YDS.  
FILL = 6,640 CU.YDS.

DEFICIT MATERIAL = <2,450> Cu. Yds.  
Topsoil & Pit Backfill = 3,480 Cu. Yds.  
(1/2 Pit Vol.)  
EXCESS UNBALANCE = <5,910> Cu. Yds.  
(After Rehabilitation)

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East • Vernal, Utah 84078 • (435) 788-1017



# **LEGEND:**

○ PROPOSED LOCATION

## **BILL BARRETT CORPORATION**

PRICKLY PEAR UNIT FEDERAL #9-27D-12-16,  
 #15-27D-12-16, #10-27D-12-16 & #11-27D-12-16  
 SECTION 27, T12S, R16E, S.L.B.&M.  
 SE 1/4 SE 1/4



**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813



**TOPOGRAPHIC**  
**MAP**

**03** **24** **08**  
 MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: C.P. REVISED: 00-00-00



R  
16  
E

**PROPOSED LOCATION:  
PRICKLY PEAR UNIT FEDERAL #9-27D-12-16,  
#15-27D-12-16, #10-27D-12-16 & #11-27D-12-16**

0.1 MI. +/-

BRUSH  
FLAT  
MYTON 50.1 MI. +/-  
HIGHWAY 40 48.6 MI. +/-

T12S

T13S

EXISTING ROAD  
PROPOSED ACCESS ROAD

N

**BILL BARRETT CORPORATION**

PRICKLY PEAR UNIT FEDERAL #9-27D-12-16,  
#15-27D-12-16, #10-27D-12-16 & #11-27D-12-16  
SECTION 27, T12S, R16E, S.L.B.&M.  
SE 1/4 SE 1/4

U  
E  
L  
S

**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

TOPOGRAPHIC  
MAP

03 24 08  
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: C.P. REVISED: 00-00-00

B  
TOPO

**PROPOSED LOCATION:**  
**PRICKLY PEAR UNIT FEDERAL #9-27D-12-16,**  
**#15-27D-12-16, #10-27D-12-16 & #11-27D-12-16**

**PPUF**  
**#16-27D**

**PPUF**  
**#14-26D**

**PPUF  
#6-35D**

**T12S****T13S**

	<b>DISPOSAL WELLS</b>		<b>WATER WELLS</b>
	<b>PRODUCING WELLS</b>		<b>ABANDONED WELLS</b>
	<b>SHUT IN WELLS</b>		<b>TEMPORARILY ABANDONED</b>

**PRICKLY PEAR UNIT FEDERAL #9-27D-12-16,  
#15-27D-12-16, #10-27D-12-16 & #11-27D-12-16  
SECTION 27, T12S, R16E, S1B&M.  
SE 1/4 SE 1/4**

**U&L** **Utah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

TOPOGRAPHIC MAP	03 MONTH	24 DAY	08 YEAR
--------------------	-------------	-----------	------------

**SCALE: 1" = 2000'**   **DRAWN BY: C.P.**   **REVISED: 00-00-00**

C  
TOPO

**WORKSHEET**  
**APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 04/29/2008

API NO. ASSIGNED: 43-007-31410

WELL NAME: PPU FED 15-27D-12-16

OPERATOR: BILL BARRETT CORP ( N2165 )

PHONE NUMBER: 303-312-8134

CONTACT: TRACEY FALLANG

PROPOSED LOCATION:

SESE 27 120S 160E

SURFACE: 1063 FSL 0799 FEL

*SWSE* BOTTOM: 0628 FSL 1941 FEL

COUNTY: CARBON

LATITUDE: 39.74048 LONGITUDE: -110.1030

UTM SURF EASTINGS: 576856 NORTHINGS: 4399128

FIELD NAME: PETER'S POINT ( 40 )

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-08107

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: WSMVD

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat  
☒ Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. WYB000040 )  
☒ Potash (Y/N)  
☒ Oil Shale 190-5 (B) or 190-3 or 190-13  
☒ Water Permit  
(No. 90-1853 )  
☒ RDCC Review (Y/N)  
(Date: )  
☒ Fee Surf Agreement (Y/N)  
☒ Intent to Commingle (Y/N)

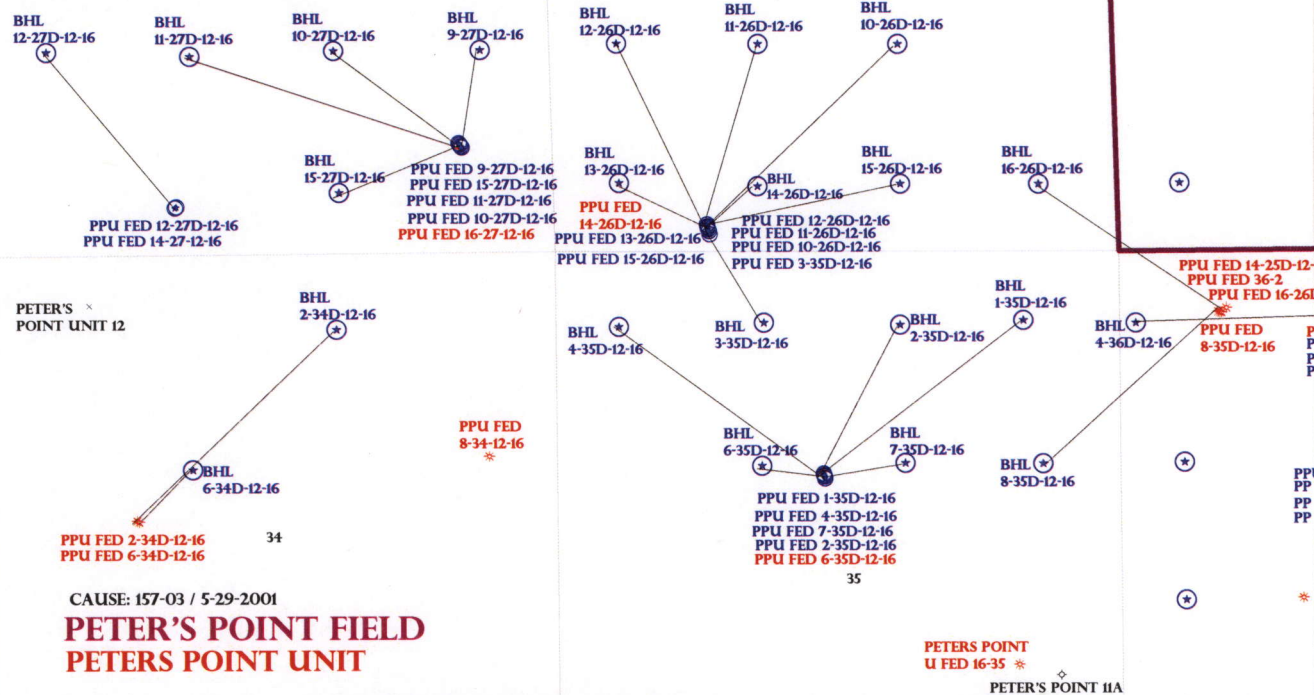
LOCATION AND SITING:

☐ R649-2-3.  
Unit: *OK* PETERS POINT  
☐ R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells  
☐ R649-3-3. Exception  
☒ Drilling Unit  
Board Cause No: 157-03  
Eff Date: 5-29-2001  
Siting: *BHL must be at least 460' fr ext hwy*  
☒ R649-3-11. Directional Drill

COMMENTS:

STIPULATIONS: *1- Fedl Approval*

T12S R16E



OPERATOR: BILL BARRETT CORP (N2165)

SEC: 26,27 T.12S R. 16E

FIELD: PETERS POINT (40)

COUNTY: CARBON

CAUSE: 157-03 / 5-29-2001



PREPARED BY: DIANA MASON  
DATE: 01-MAY-2008



JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

May 5, 2008

Bill Barrett Corporation  
1099 18th St., Ste. 2300  
Denver, CO 80202

Re: Peter's Point Unit Federal 15-27D-12-16 Well, Surface Location 1063' FSL, 799' FEL, SE SE, Sec. 27, T. 12 South, R. 16 East, Bottom Location 628' FSL, 1941' FEL, SW SE, Sec. 27, T. 12 South, R. 16 East, Carbon County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-007-31410.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

cc: Carbon County Assessor  
Bureau of Land Management, Moab Office

Operator: Bill Barrett Corporation  
Well Name & Number Peter's Point Unit Federal 15-27D-12-16  
API Number: 43-007-31410  
Lease: UTU-08107

Surface Location: SE SE      Sec. 27      T. 12 South      R. 16 East  
Bottom Location: SW SE      Sec. 27      T. 12 South      R. 16 East

### Conditions of Approval

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

#### 2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281      (801) 733-0983 home

#### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

# CONFIDENTIAL

# COPY

Form 3160-3  
(August 2007)

RECEIVED  
OIL & GAS FIELD OFFICE  
2008 APR 29

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires July 31, 2010

## APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-08107
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Bill Barrett Corporation		7. If Unit or CA Agreement, Name and No. Peters Point / UTU-63014
3a. Address 1099 18th Street, Suite 2300 Denver, CO 80202	3b. Phone No. (include area code) 303-312-8134	8. Lease Name and Well No. Peter's Point Unit Federal 15-27D-12-16
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface SESE, 1063' FSL, 799' FEL At proposed prod. zone SWSE, 628' FSL, 1941' FEL, Sec. 27		9. API Well No. pending 430073410
14. Distance in miles and direction from nearest town or post office* approximately 50 miles from Myton, Utah		10. Field and Pool, or Exploratory Peter's Point/Wasatch-Mesaverde
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 799' SH / 1941' BH	16. No. of acres in lease 640	11. Sec., T. R. M. or Blk. and Survey or Area Sec. 27, T12S-R16E
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 16' SH / 1188' BH	19. Proposed Depth 7900' MD	12. County or Parish Carbon County
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 7196' graded ground	22. Approximate date work will start* 10/01/2008	13. State UT
23. Estimated duration 45 days		

### 24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

- |  |   |
|--|---|
| 1. Well plat certified by a registered surveyor.   | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan.  | 5. Operator certification   |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the BLM.             |

25. Signature <i>Tracey Fallang</i>	Name (Printed/Typed) Tracey Fallang	Date 4/28/08
Title Environmental/Regulatory Analyst		
Approved by (Signature) <i>Steve Ryby</i>	Name (Printed/Typed) Steve Ryby	Date 10-21-08
Title AFM - Acting	Office PFO	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

### CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

NOTICE OF  
APPROVAL  
RECEIVED

OCT 27 2008

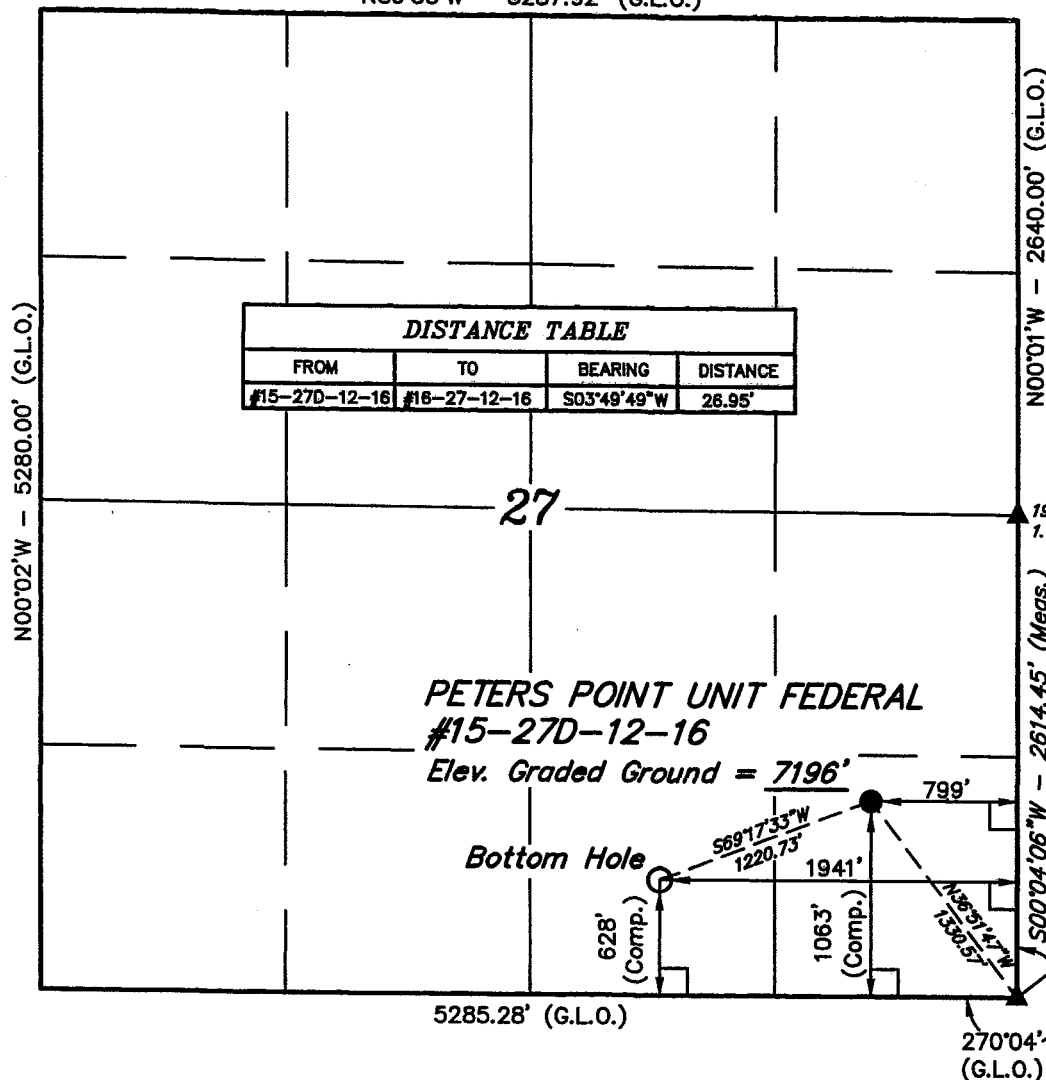
DIV. OF OIL, GAS & MINING

UDOGM

\*(Instructions on page 2)

**T12S, R16E, S.L.B.&M.**

N89°55'W - 5287.92' (G.L.O.)



**LEGEND:**

- └ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 39°44'21.92" (39.739422)	LATITUDE = 39°44'26.18" (39.740608)
LONGITUDE = 110°06'28.32" (110.107867)	LONGITUDE = 110°06'13.70" (110.103808)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 39°44'22.05" (39.739458)	LATITUDE = 39°44'26.31" (39.740642)
LONGITUDE = 110°06'25.77" (110.107158)	LONGITUDE = 110°06'11.15" (110.103097)
STATE PLANE NAD 27 (UTAH CENTRAL) N: 515196.42 E: 2391657.05	STATE PLANE NAD 27 (UTAH CENTRAL) N: 515645.00 E: 2392791.93

**BILL BARRETT CORPORATION**

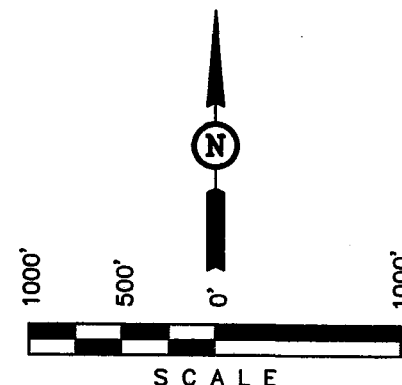
Well location, PETERS POINT UNIT FEDERAL #15-27D-12-16, located as shown in the SE 1/4 SE 1/4 of Section 27, T12S, R16E, S.L.B.&M., Carbon County, Utah.

**BASIS OF ELEVATION**

COTTON TRIANGULATION STATION LOCATED IN THE NW 1/4 OF SECTION 31, T12S, R16E, S.L.B.&M., TAKEN FROM THE TWIN HOLLOW QUADRANGLE, UTAH, CARBON COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 7386 FEET.

**BASIS OF BEARINGS**

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



**CERTIFICATE**

THIS IS TO CERTIFY THAT THE ABOVE IS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

1909 Brass Cap  
2.5' High, Pile  
of Stones, Bearing  
Tree

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 03-11-08	DATE DRAWN: 03-18-08
PARTY D.R. A.W. C.G.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE BILL BARRETT CORPORATION	



UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
PRICE FIELD OFFICE

125 SOUTH 600 WEST

PRICE, UT 84501

(435) 636-3600



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

Company:	Bill Barrett Corporation	Location:	SESE-Sec. 27-T12S-R16E
Well No:	Peters Point Unit Federal 15-27D-12-16	Lease No:	UTU-08107
API No:	43-007-31410	Agreement:	Peters Point (UTU-63014)

Title	Name	Office Phone Number	Cell Phone Number
Acting Field Manager & Authorized Officer:	Michael Stiewig	(435) 636-3633	(435) 650-9135
Senior Petroleum Engineer:	Matthew Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Ryan Angus (Alt.)	(435) 781-4430	(435) 828-7368
Petroleum Engineering Technician	Walton Willis (Primary)	(435) 636-3662	(435) 650-9140
Petroleum Engineering Technician	Randy Knight (Alt.)	(435) 636-3615	(435) 650-9143
NRS/Enviro Scientist:	Don Stephens	(435) 636-3608	

**Fax: (435) 636-3657**

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

Location Construction (Notify NRS)	- Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify NRS)	- Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Petroleum Tech.)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Petroleum Tech.)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

## **SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)**

### **SITE SPECIFIC COAs:**

- A pre-construction field meeting may be conducted prior to beginning any dirt work approved under this APD. The operator shall contact the BLM Representative Don Stephens at 435-636-3608 at least 48-hours prior to beginning operations so that the meeting can be scheduled. The operator is responsible for having all contractors present (dirt contractors, drilling contractor, pipeline contractor, project oversight personnel, etc.) including the overall field operations superintendent, and for providing all contractors copies of the approved APD(s), project map and BLM Conditions of Approval pertinent to the work that each will be doing.
- The following appendices are attached for your reference. They are to be followed as conditions of approval:
  - SM-A, Seed Mixture for Berms, Topsoil Piles, Pad Margins
  - SM-B, Seed Mixture for Final Reclamation (buried pipelines, abandoned pads, roads, etc.)
  - TMC1, Browse Hand Planting Tubeling Mixtures
  - Applicant-committed environmental protection measures, see attached Appendix B
  - Lease Stipulations, see attached Table 2.3 from EA for West Tavaputs Plateau Drilling Program.
- The company shall furnish and apply water or other means satisfactory to the Authorized Officer for dust control. Dust is controlled when the following standards are met: (1) no dust is generated above the cab of the vehicle, or (2) no hanging dust plumes. These standards are applicable to Nine Mile Canyon between Harmon and Cottonwood Canyons, and in Harmon and Cottonwood Canyons. If dust exceeds these standards, operations shall be shut down until the standards are met.
- The company shall supply a third party monitor to report directly to the BLM which shall monitor for dust on a daily basis as necessary. A written monitoring report shall be submitted to the BLM on a weekly basis, and a phone report shall be made to the authorized officer on a daily basis as necessary. If dust control standards are not met, operations shall be shut down.
- The company shall submit interim reclamation plans and location layout with proposed interim reclaimed areas to the authorized office within 90 days of the spudding of the well.
- The area that encompasses the well location and road is environmentally sensitive including fragile soils and vegetation. The operator may be required to perform special measures such as mulching, erosion fencing, use of erosion fabric, etc. per the direction of the BLM Authorized Officer to stabilize any disturbed areas and ensure the reestablishment of long-term perennial vegetation.
- The operator will be responsible for performing any remediation and/or necessary road upgrading (e.g. elevating, surfacing, culverts, low-water crossings, water-wings, surfacing, etc.) as directed by the BLM Authorized Officer, resulting from untimely access.
- All equipment and personnel used during drilling and construction activities will be restricted to only approved access roads.
- If the well is productive and after completion operations, the road will be upgraded to a **Resource Road** status in accordance with the *Surface Operating Standards for Oil & Gas Exploration and Development*, Fourth Edition and/or BLM Manual Section 9113 concerning road construction standards on projects subject to federal jurisdiction.
- All permanent above-ground structures (e.g., production equipment, tanks, etc.) not subject to safety requirements will be painted to blend with the natural color of the landscape. The paint used will be a color which simulates "Standard Environmental Colors." The color selected for the Peters Point Unit Federal 15-27D-12-16 well is Olive Black, 5WA20-6. All facilities will be painted the designated color at the time of installation.
- All trees salvaged from the construction of the well pad will be clearly segregated from the spoil material, to prevent burying of trees in the spoil material.
- No salvaged trees will be pushed up against live trees or buried in the spoil material.
- All areas not needed for production of the well will be reclaimed within 90 days of completion of the last well if weather conditions are favorable, unless the BLM Authorized Officer gives an extension.

- Reserve pits will be closed as soon as possible, but no later than 90 days from time of drilling/well completion, unless the BLM Authorized Officer gives an extension. Squeezing of pit fluids and cuttings is prohibited. Pits must be dry of fluids or they must be removed via vac-truck or other environmentally acceptable method prior to backfilling, re-contouring and replacement of topsoil. Mud and cuttings left in pit must be buried at least 3-feet below re-contoured grade. The operator will be responsible for re-contouring any subsidence areas that develop from closing a pit before it is sufficiently dry.
- The operator will drill seed on the contour to a depth of 0.5 inch, followed by cultipaction to compact the seedbed, preventing soil and seed losses. To maintain quality and purity, the current years tested, certified seed with a minimum germination rate of 80% and a minimum purity of 90% will be used.
- Please contact Don Stephens, Natural Resource Specialist, (435) 636-3608, Bureau of Land Management, Price Field Office, if there are any questions concerning these surface use COAs.
- A Paleontologist acceptable to the BLM will monitor during surface disturbing activities. If paleontologic resources are uncovered during surface disturbing activities, the paleontologist shall immediately notify the Authorized Officer (AO). The AO will arrange for a determination of significance and, if necessary, recommend a recovery or avoidance plan.
- The pipeline(s) shall be buried.
- During the activities of road maintenance, new road construction or the construction of well pads, if any standing live or dead trees are damaged, cut down or knocked over by grading or construction equipment, actions would be taken to remove excessive vegetation from the road or pad edge.
- An impermeable liner shall be used in the containment area of all permanent condensate and water tanks.
- Gas shall be measured on the well pad unless the BLM Authorized Officer authorizes another location.
- If the well has not been spudded by APD Approval date + 2 years the APD will expire and the operator is to cease all operations related to preparing to drill the well.
- The Mexican Spotted Owl Conservation Measures to avoid impacts:
  - Employ best available technology on production wells and compression equipment within .5 miles of canyon habitat model.
  - Upon discovery of individuals or sightings of this species, halt construction/drilling activities and notify authorized official.
- Centralize tanks and facilities with old wells.
- Leave trees on the edge of the well site.
- The operator shall contact the BLM Authorized Officer or Don Stephens @ 435-636-3608 at least 48-hours prior to the filling and reclamation of pits.

### **Winter Conditions of Approval**

- To prevent erosion, snow must be removed within 48-hours of cessation of each winter storm producing greater than 4-inches of snowfall; snow removal would occur only on those roads necessary to access wells and production facilities.
- On well pads where winter drilling is occurring, snow must be removed within 48-hours of cessation of each winter storm producing greater than 4-inches of snowfall; snow removal would occur on the portions of the pad where access with snow removal equipment is feasible. Snow would be stockpiled in a retention structure per The Gold Book standards.
- To reduce erosion and soil loss during heavy rain events and snow melt, drainage on or around the well pads would be designed to reduce erosion and sedimentation. Storm water would be diverted away from the well locations with ditches, berms, or waterbars above the cut slopes. Rain water or snow melt collected on the well pads would be contained and drained into the reserve pit or directed into a water retention ponds to ensure no sediment leaves the pad.
- The following travel restrictions would be adhered to by all types of vehicles from November 1, 2008, to May 15, 2009, to minimize disturbances during periods of major animal movement (6:00-8:00 AM and 5:00-7:00 PM or 6:00-8:00 AM and 6:00-8:00 PM during daylight savings time). These restrictions would be contingent on the presence of elk and deer in the areas.

- Contractors and vendors for non-critical rig visits would not travel during these periods.
- Rig shift changes would be adjusted to not coincide with these periods.
- Routine delivery of drilling supplies would not occur during these periods.

These restrictions would not apply to vehicles directly involved in casing, cementing and/or emergency operations necessary to maintain viable hole conditions.

- Monitoring would be required to ensure compliance with restricted travel times and routes from November 1, 2008, to May 15, 2009. The proponent would contract with a third party monitor to assess compliance with these restrictions. Monitoring would occur at least twice weekly at random intervals and a compliance report would be submitted to the Price Field Office on a weekly basis. *Bill Barrett Corporation 2007-2008 Prickly Pear Unit Winter Drilling EA 2-17.*
- If snow depths equal 16-inches or greater, edges of plowed roads would be opened at intervals of approximately 0.25 mi to create wildlife exit points and crossing areas when snow walls develop. Exits would be opened to approximately 15 ft, down to the top of vegetation, and would remain within the ROW.
- Access roads must meet The Gold Book standards, where practicable, prior to the winter closure to ensure ruts would not be created during winter use.
- All pipelines associated with wells would be buried within the 50-ft pipeline ROW. BBC could request a waiver if surface conditions are such that blasting would be required to bury the pipeline.
- Trucks used for moving rigs would be kept on top of each applicable mesa until the rig has been fully moved.
- As feasible, all supplies, including casing, would be stockpiled on top of each applicable mesa prior to the winter closure.

#### **SURFACE USE COAs:**

- If any cultural values [sites, artifacts, human remains] are observed during operation of this lease/permit/right-of-way, they will be left intact and the Price Field Manager notified. The authorized officer will conduct an evaluation of the cultural values to establish appropriate mitigation, salvage or treatment. The operator is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the authorized BLM officer (AO). Within five working days the AO will inform the operator as to:
  - whether the materials appear eligible for the National Register of Historic Places;
  - the mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and,
  - a time-frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that the required mitigation has been completed, the operator will then be allowed to resume construction measures.
- The operator shall restrict travel on unimproved roads during periods of inclement weather or spring thaw when the possibility exists for excessive surface resource damage (e.g., rutting in excess of 4-inches, travel outside roadway, etc.).
- The Companies will provide georeferenced spatial data depicting as-built locations of all facilities, wells, roads, pipelines, power lines, and other related facilities to the BLM by November 1 of each year until completion of project construction activities has occurred.
- If any dead or injured threatened, endangered, proposed, or candidate species is located during construction or operation, the BLM Price Field Office (435-636-3600) shall be notified within 24 hours.
- The Company will conduct clearance surveys for threatened, endangered or other special-concern species at the optimum time. This will require coordination with the BLM before November 1 annually to review the potential for disturbance and to agree on inventory parameters.

## Construction

- The operator will limit vegetation removal and the degree of surface disturbance wherever possible. Where surface disturbance cannot be avoided, all practicable measures will be utilized to minimize erosion and stabilize disturbed soils.
- Construction and drilling activity will not be conducted using frozen or saturated soil material during periods when watershed damage or excessive rutting is likely to occur.
- Remove all available topsoil from constructed well locations including areas of cut and fill, and stockpile at the site. Topsoil will also be salvaged for use in reclamation on all other areas of surface disturbance (roads, pipelines, etc.). Clearly segregate topsoil from excess spoil material. Any topsoil stockpiled for one year or longer will be signed and stabilized with annual ryegrass or other suitable cover crop.
- The operator will not push soil material and overburden over side slopes or into drainages. All soil material disturbed will be placed in an area where it can be retrieved without creating additional undue surface disturbance and where it does not impede watershed and drainage flows.
- Construct the backslope no steeper than 1½:1, and construct the foreslope no steeper than 2:1, unless otherwise directed by the BLM Authorized Officer.
- Maintain a minimum 20-foot undisturbed vegetative border between toe-of-fill of pad and/or pit areas and the edge of adjacent drainages, unless otherwise directed by the BLM Authorized Officer.
- With the overall objective of minimizing surface disturbance and retaining land stability and productivity, the operator shall utilize equipment that is appropriate to the scope and scale of work being done for roads and well pads (utilize equipment no larger than needed for the job).
- Reserve pits will be adequately fenced during and after drilling operations until pit is reclaimed so as to effectively keep out wildlife and livestock. Adequate fencing, in lieu of more stringent requirements by the surface owner, is defined as follows:
- Construction materials will consist of steel or wood posts. Three or four strand wire (smooth or barbed) fence or hog panel (16-foot length by 50-inch height) or plastic snow fence must be used with connectors such as fence staples, quick-connect clips, hog rings, hose clamps, twisted wire, etc. Electric fences will not be allowed.
- Construction standards: Posts shall be firmly set in ground. If wire is used, it must be taut and evenly spaced, from ground level to top wire, to effectively keep out animals. Hog panels must be tied securely into posts and one another using fence staples, clamps, etc. Plastic snow fencing must be taut and sturdy. Fence must be at least 2-feet from edge of pit. 3 sides fenced before beginning drilling, the fourth side fenced immediately upon completion of drilling and prior to rig release. Fence must be left up and maintained in adequate condition until pit is closed.
- The reserve pit will be oriented to prevent collection of surface runoff. After the drilling rig is removed, the operator may need to construct a trench on the uphill side of the reserve pit to divert surface drainage around it. If constructed, the trench will be left intact until the pit is closed.
- The reserve pit will be lined with an impermeable liner if permeable subsurface material is encountered. An impermeable liner is any liner having a permeability of less than  $10^{-7}$  cm/sec. The liner will be installed so that it will not leak and will be chemically compatible with all substances that may be put in the pit. Liners made of any man-made synthetic material will be of sufficient strength and thickness to withstand normal installation and pit use. In gravelly or rocky soils, a suitable bedding material such as sand will be used prior to installing the liner.
- The reserve pit will be constructed so that at least half of its total volume is in solid cut material (below natural ground level).
- The reserve pit shall have 2 foot of freeboard maintained at all times to prevent overflow of fluids.
- Culverts will be placed on channel bottoms on firm, uniform beds, which have been shaped to accept them, and aligned parallel to the channel to minimize erosion. Backfill will be thoroughly compacted.
- The minimum diameter for culverts will be 18 inches. However, all culverts will be appropriately sized in accordance with standards in BLM Manual 9113.
- Construction and other project-related traffic will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- Maximum design speed on all operator-constructed and maintained roads will not exceed 25 miles per hour.

- Pipeline construction shall not block nor change the natural course of any drainage. Pipelines shall cross perpendicular to drainages. Pipelines shall not be run parallel in drainage bottoms. Suspended pipelines shall provide adequate clearance for maximum runoff.
- Pipeline trenches shall be compacted during backfilling. Pipeline trenches shall be routinely inspected and maintained to ensure proper settling, stabilization and reclamation.
- The pipeline right-of-way will be brush-hogged to prevent unnecessary disturbance. Only those areas where safety, absolute need for construction or other regulations may warrant the use of topsoil removal by blading or scalping.
- During construction, emissions of particulate matter from well pad and road construction would be minimized by application of water or other non-saline dust suppressants with at least 50 percent control efficiency. Dust inhibitors (surfacing materials, non-saline dust suppressants, and water) will be used as necessary on unpaved roads that present a fugitive dust problem. The use of chemical dust suppressants on public surface will require prior approval from the BLM Authorized Officer.
- The operator shall submit a Sundry Notice (Form 3160-5) to BLM for approval prior to construction of any new surface disturbing activities that are not specifically addressed in the approved APD.

### **Operations/Maintenance**

- If in the process of air drilling the wells there is a need to utilize mud, all circulating fluids will be contained either in an approved pit or in an aboveground containment tank. The pit or containment tank will be large enough to safely contain the capacity of all expected fluids without danger of overflow. Fluid and cuttings will not be squeezed out of the pit, and the pit will be reclaimed in an expedient manner.
- Confine all equipment and vehicles to the access road(s), pad(s), and area(s) specified in the approved APD.
- All waste, other than human waste and drilling fluids, will be contained in a portable trash cage. This waste will be transported to a State approved waste disposal site immediately upon completion of drilling operations. No trash or empty barrels will be placed in the reserve pit or buried on location. All state and local laws and regulations pertaining to disposal of human and solid waste will be complied with.
- Rat and mouse holes shall be filled and compacted from the bottom to the top immediately upon release of the drilling rig from the location.
- The operator will be responsible for prevention and control of noxious weeds and weeds of concern on all areas of surface disturbance associated with this project (well locations, roads, water management facilities, etc.) Use of pesticides shall comply with the applicable Federal and State laws. Pesticides shall be used only in accordance with their registered uses and within limitations imposed by the Secretary of Interior. Prior to the use of pesticides on public land, the holder shall obtain from the BLM authorized officer written approval of a plan showing the type and quantity of material to be used, pest(s) to be controlled, method of application, location of storage and disposal of containers, and any other information deemed necessary by the authorized officer to such use.
- Sewage shall be placed in a self-contained, chemically treated porta-potty on location.
- The operator and their contractors shall ensure that all use, production, storage, transport and disposal of hazardous and extremely hazardous materials associated with the drilling, completion and production of these wells will be in accordance with all applicable existing or hereafter promulgated federal, state and local government rules, regulations and guidelines. All project-related activities involving hazardous materials will be conducted in a manner to minimize potential environmental impacts. In accordance with OSHA requirements, a file will be maintained onsite containing current Material Safety Data Sheets (MSDS) for all chemicals, compounds and/or substances which are used in the course of construction, drilling, completion and production operations.
- Produced fluids shall be put in test tanks on location during completion work. Produced water will be put in the reserve pit during completion work per Onshore Order #7.
- The only fluids/waste materials which are authorized to go into the reserve pit are RCRA exempt exploration and production wastes. These include:
  - drilling muds & cuttings
  - rigwash

- excess cement and certain completion & stimulation fluids defined by EPA as exempt
- It does not include drilling rig waste, such as:
  - spent hydraulic fluids
  - used engine oil
  - used oil filter
  - empty cement, drilling mud, or other product sacks
  - empty paint, pipe dope, chemical or other product containers
  - excess chemicals or chemical rinsate
- Any evidence of non-exempt wastes being put into the reserve pit may result in the BLM Authorized Officer requiring specific testing and closure requirements.
- If this well is drilled during the fire season (June-October), the operator shall institute all necessary precautions to ensure that fire hazard is minimized, including but not limited to mowing vegetation on the access route(s) and well location(s), keeping fire fighting equipment readily available when drilling, etc.

### **Dry Hole/Reclamation**

- All disturbed lands associated with this project, including the pipelines, access roads, water management facilities, etc will be expediently reclaimed and reseeded in accordance with the surface use plan and any pertinent site-specific COAs.
- Disturbed lands will be re-contoured back to conform with existing undisturbed topography. No depressions will be left that trap water or form ponds.
- Before the location has been reshaped and prior to redistributing the topsoil, the operator will rip or scarify the drilling platform and access road on the contour, to a depth of at least 12 inches. The rippers are to be no farther than 24 inches apart.
- Distribute the topsoil evenly over the entire location and other disturbed areas. Prepare the seedbed by disking to a depth of 4-to-6 inches following the contour.
- Phased reclamation plans will be submitted to BLM for approval prior to individual POD facility abandonment via a Notice of Intent (NOI) Sundry Notice. Individual facilities, such as well locations, pipelines, discharge points, impoundments, etc. need to be addressed in these plans as they are no longer needed. Individual items that will need to be addressed in reclamation plans include:
- Pit closure (Close ASAP after suitably dry, but no later than 90 days from time of drilling unless an extension is given by BLM Authorized Officer.) BLM may require closure prior to 90 days in some cases due to land use or environmental concerns.
- Configuration of reshaped topography, drainage systems, and other surface manipulations
- Waste disposal
- Revegetation methods, including specific seed mix (pounds pure live seed/acre) and soil treatments (seedbed preparation, fertilization, mulching, etc.). On private surface, the landowner should be consulted for the specific seed mix.
- Other practices that will be used to reclaim and stabilize all disturbed areas, such as water bars, erosion fabric, hydro-mulching, etc.
- An estimate of the timetables for beginning and completing various reclamation operations relative to weather and local land uses.
- Methods and measures that will be used to control noxious weeds, addressing both ingress and egress to the individual well or POD.
- Decommissioning/removal of all surface facilities
- BLM will not release the performance bond until all disturbed areas associated with the APD/POD have been successfully revegetated (evaluation will be made after the second complete growing season) and has met all other reclamation goals of the surface owner and surface management agency.
- A Notice of Intent to Abandon and a Subsequent Report of Abandonment must be submitted for abandonment approval.
- For performance bond release approval, a Final Abandonment Notice (with a surface owner release letter on split-estate) must be submitted prior to a final abandonment evaluation by BLM.

- Soil fertility testing and the addition of soil amendments may be required to stabilize some disturbed lands.
- Any mulch utilized for reclamation needs to be certified weed free.
- Waterbars are to be constructed at least one (1) foot deep, on the contour with approximately two (2) feet of drop per 100 feet of waterbar to ensure drainage, and extended into established vegetation. All waterbars are to be constructed with the berm on the downhill side to prevent the soft material from silting in the trench. The initial waterbar should be constructed at the top of the backslope. Subsequent waterbars should follow the following general spacing guidelines:

Slope (percent)	Spacing Interval (feet)
≤ 2	200
2 – 4	100
4 – 5	75
≥ 5	50

### Producing Well

- Reclaim those areas not required for production as soon as possible. The fluids and mud must be dry in the reserve pit before re-contouring pit area. The operator will be responsible for re-contouring and reseeding of any subsidence areas that develop from closing a pit before it is completely dry.
- Reduce the backslope to 2:1 and the foreslope to 3:1, unless otherwise directed by the BLM Authorized Officer. Reduce slopes by pulling fill material up from foreslope into the toe of cut slopes.
- Production facilities (including dikes) must be placed on the cut portion of the location and a minimum of 15 feet from the toe of the back cut unless otherwise approved by the BLM Authorized Officer.
- Any spilled or leaked oil, produced water or treatment chemicals must be reported in accordance with NTL-3A and immediately cleaned up in accordance with BLM requirements. This includes clean-up and proper disposition of soils contaminated as a result of such spills/leaks.
- Distribute stockpiled topsoil evenly over those areas not required for production and reseed as recommended.
- Upgrade and maintain access roads and drainage control (e.g., culverts, drainage dips, ditching, crowning, surfacing, etc.) as necessary and as directed by the BLM Authorized Officer to prevent soil erosion and accommodate safe, environmentally-sound access.
- Prior to construction of production facilities not specifically addressed in the APD, the operator shall submit a Sundry Notice to the BLM Authorized Officer for approval.
- If not already required prior to constructing and drilling the well location, the operator shall immediately upgrade the entire access road to BLM standards (including topsoiling, crowning, ditching, drainage culverts, surfacing, etc.) to ensure safe, environmentally-sound, year-round access. Waterbars shall be installed on all reclaimed pipeline corridors per the guidelines in D #11.

### Seed Mix A<sup>1</sup>

Temporary Disturbance (for berms, topsoil piles, pad margins)

#### Forbes Lbs

Yellow Sweetclover	2.0 lbs/acre
Ladak Alfalfa	2.0 lbs/acre
Cicer Milkvetch	1.0 lbs/acre
Palmer Penstemon	0.5 lbs/acre

#### Grasses Lbs

Crested Wheatgrass	2.0 lbs/acre
Great Basin Wildrye	2.0 lbs/acre
Intermediate Wheatgrass	2.0 lbs/acre

**Total**

**11.5 lbs/acre**

1 Seed mix A is designed for rapid establishment, soil holding ability, and nitrogen fixing capability.  
C-4 EA, West Tavaputs Plateau Drilling Program

### Seed Mix B

Final Reclamation (for buried pipe lines, abandoned pads, road, etc.)

**Forbes Lbs**

Palmer Penstemon	0.5 lbs/acre
Golden Cryptantha	0.25 lbs/acre
Utah Sweetvetch	0.5 lbs/acre
Yellow Sweetclover <sup>1</sup>	2.0 lbs/acre
Lewis Flax	1.0 lbs/acre

Grasses Lbs

Indian Ricegrass	1.0 lbs/acre
Needle & Thread Grass	1.0 lbs/acre
Intermediate Wheatgrass	2.0 lbs/acre
Blue Grama	0.5 lbs/acre
Galletta	0.5 lbs/acre
Great Basin Wildrye	2.0 lbs/acre

### Woody Plants Lbs

Fourwing Saltbush	2.0 lbs/acre
Winterfat	0.5 lbs/acre
Wyoming Big Sage brush	0.25 lbs/acre
Utah Serviceberry	1.0 lbs/acre
Blue Elderberry (Raw Seeds)	1.0 lbs/acre

<b>Total</b>	<b>16.0 lbs/acre</b>
--------------	----------------------

1 Yellow Sweetclover is planted as a nurse crop to provide solar protection, soil binding and nitrogen fixing. It will normally be crowded out in 2 to 3 years.

## TMC 1: Browse Hand Planting Tubeling Mixtures

One of the two browse species lists (checked below) are to be hand planted at the prescribed application rate and according to the following prescribed methods on areas that are undergoing long term reclamation. The would include all pipeline corridors, berm around edge of drill pads, miscellaneous disturbed areas associated with construction such as staging areas for equipment, sidecast on road cuts, along side upgraded or new roads up to and including borrow ditch and in the termination of redundant access roads being closed. This planting shall be completed in the first planting window following completion of construction and on all other disturbed areas upon final reclamation.

### Planting Methods:

Planting shall be accomplished using a labor force with specific experience in landscape restoration,

hand planting methods and handling and care of browse tubling and or bareroot stock plants.

Browse plants to be utilized can be bareroot stock or tubling stock plants of 1 year old age class or greater.

Browse seedling protectors will be used to provide protection from browsing ungulates for two years. Seedling protectors will be of an open mesh rigid design that will break down when exposed to sunlight and that measures a minimum of 12 inches in length and 4 inches in diameter.

Planting shall be completed in the spring (March 1-April 1) and or fall (November 1-December 1) planting windows.

Browse plants shall be stored and handled in such a manner as to maintain viability, according to the type of browse stock being used.

**Planting Species and Application Rate:**    ☐ Sagebrush-Grass    ☒ Pinyon-Juniper

<b>Species</b>	<b>Plants Per Acre</b>	
	<b>Sagebrush-Grass</b>	<b>Pinyon-Juniper</b>
Wyoming Sagebrush (Gordon Creek)	100	50
Fourwing Saltbush (Utah seed source collected at or above 5,000 feet elevation)	100	50
True Mountain Mahogany (Utah seed source)	0	50
Antelope Bitterbrush (Utah seed source)	0	50
<b>TOTAL</b>	<b>200</b>	<b>200</b>
<b>Suitable Substitutions:</b>		
Utah Serviceberry	No	50
Winterfat	100	No

**DOWNHOLE PROGRAM  
CONDITIONS OF APPROVAL (COAs)**

**SITE SPECIFIC DOWNHOLE COAs:**

- The proposed 3M BOP system is adequate for anticipated conditions. Installation, testing and operation of the system shall be in conformance with Onshore Oil and Gas Order No. 2.
- The proposal included a provision for using minor amounts of diesel in the drilling fluid system. Diesel may be added to the system only after cementing the surface casing into place.
- The proposal included options for using one of three different grades of production casing. Any of the three options may be used.
- A Cement Bond Log (CBL) shall be run in the production casing from the TD to the top of cement. A field copy of the CBL shall be submitted to the BLM Price Field Office for review.
- If logging reveals that the cementing objectives were not met, remedial cementing will be required.
- Locally, the Green River Formation is known to contain oil, gas, oil shale and tar sand deposits. However, the lateral occurrence, distribution and grade of the oil shale and tar sand deposits are not well defined. The operator shall pay particular attention to this section, and shall attempt to identify and describe any of these resources that may be penetrated. Any information obtained on these resources shall be included as part of the Well Completion Report.
- All other equipment for air/gas drilling shall meet specifications in Onshore Order #2, III. Requirements, E. Special Drilling Operations.

**All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to.** The following items are emphasized:

**DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- The spud date and time shall be reported orally to Price Field Office within 24 hours of spudding.
- Notify Price Field Office Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- If air drilling operations are utilized, the requirements of Onshore Oil & Gas Order No. 2, Part III.E *Special Drilling Operations*, shall be implemented.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order

No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.

- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Price Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Price Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Price BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Price Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- The use of a flow conditioner in lieu of straightening vanes in the gas meter run cannot be approved with the information provided. This proposal is not consistent with the provisions of Onshore Oil & Gas Order No. 5, and as such, can only be considered for approval as a "variance" from Order No. 5. A written request for variance would identify the Order No. 5 requirement(s) from which the variance is being requested, and it would included supporting justification as to how the alternate method of measurement would meet or exceed the minimum standards established in Order No. 5. A variance request for the use of a flow conditioner would also include the make, model, dimensions, and description of use for the specific flow conditioner being proposed.
- **Please submit a copy of all other logs run on this well to the BLM Price Field Office.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Price Field Office.

## OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Price Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number
  - Well location (¼¼, Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and/or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Price Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Price Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Price Field Office.
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Price Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Price Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Price Field Office. All measurement facilities will conform to the API standards for liquid

hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.

- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Price Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Price Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Price Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Price Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

# DIVISION OF OIL, GAS AND MINING

## ***SPUDDING INFORMATION***

Name of Company: Bill Barrett Corp

Well Name: PPU Fed 15-27D-12-16

API No: 43-007-31410 Lease Type: Federal

Section 27 Township 12S Range 16E County Carbon

Drilling Contractor AAA Drilling Rig # 4

### **SPUDDED:**

Date 10-31-08

Time 12:00 PM

How Dry

***Drilling will Commence:*** \_\_\_\_\_

Reported by Tracey Fallang

Telephone # 303-312-8134

Date 11-03-2008 Signed RM

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

FORM 6

ENTITY ACTION FORM

Operator: Bill Barrett Corporation Operator Account Number: N 2165  
Address: 1099 18th Street, Suite 2300  
city Denver  
state CO zip 80202 Phone Number: (303) 312-8134

Well 1

API Number	Well Name	QQ	Sec	Twp	Rng	County
4300731411	Peter's Point Unit Federal 9-27D-12-16	SESE	27	12S	16E	Carbon
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
<i>*B</i>	<i>99999</i>	<i>2470</i>	10/31/2008	<i>11/10/08</i>		
Comments: Spud by Triple A Rig #4 with conductor pipe at 12:00 pm. <i>WSMVD BHL = NESE</i>						

CONFIDENTIAL

Well 2

API Number	Well Name	QQ	Sec	Twp	Rng	County
4300731410	Peter's Point Unit Federal 15-27D-12-16	SESE	27	12S	16E	Carbon
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
<i>*B</i>	<i>99999</i>	<i>2470</i>	10/31/2008	<i>11/10/08</i>		
Comments: Spud by Triple A Rig #4 with conductor pipe at 12:00 pm. <i>WSMVD BHL = SWSE</i>						

CONFIDENTIAL

Well 3

API Number	Well Name	QQ	Sec	Twp	Rng	County
4300731319	Peter's Point Unit Federal 10-27D-12-16	SESE	27	12S	16E	Carbon
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
<i>*B</i>	<i>99999</i>	<i>2470</i>	10/31/2008	<i>11/10/08</i>		
Comments: Spud by Triple A Rig #4 with conductor pipe at 12:00 pm. <i>PRRV = MVRD = WSMVD BHL = NWSE</i>						

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ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Tracey Fallang

Name (Please Print)

Signature

Regulatory Analyst

Title

11/3/2008

Date

RECEIVED

NOV 03 2008

DIV. OF OIL, GAS & MINING

COPY

Form 3160-5  
(August 2007)tfallang  
CONFIDENTIALUNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

## SUNDRY NOTICES AND REPORTS ON WELLS

**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

SUBMIT IN TRIPLICATE - Other instructions on page 2.

## 1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator  
Bill Barrett Corporation3a. Address  
1099 18th Street, Suite 2300  
Denver, CO 802023b. Phone No. (include area code)  
303-312-81344. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
SESE, 1063' FSL, 799' FEL  
Sec. 27, T12S-R16E5. Lease Serial No.  
UTU-081076. If Indian, Allottee or Tribe Name  
N/A7. If Unit of CA/Agreement, Name and/or No.  
Peter's Point/UTU-630148. Well Name and No.  
Peter's Point Unit Federal 15-27D-12-169. API Well No.  
43-007-3141010. Field and Pool or Exploratory Area  
Peter's Point/Wasatch-Mesaverde11. Country or Parish, State  
Carbon County, UT

## 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Spud
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

This sundy is being submitted as notification that this well was spud on 10/31/2008.

RECEIVED

NOV 10 2008

DIV. OF OIL, GAS &amp; MINING

14. I hereby certify that the foregoing is true and correct.  
Name (Printed/Typed)

Tracey Fallang

Title Regulatory Analyst

Signature

Tracey Fallang

Date 11/03/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

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303-312-81344. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
SESE, 1063' FSL, 799' FEL  
Sec. 27, T12S-R16E5. Lease Serial No.  
UTU-081076. Indian Allottee or Tribe Name  
N/A7. If Unit of CA/Agreement, Name and/or No.  
Peter's Point/UTU-630148. Well Name and No.  
Peter's Point Unit Federal 15-27D-12-169. API Well No.  
43-007-3141010. Field and Pool or Exploratory Area  
Peter's Point/Wasatch-Mesaverde11. Country or Parish, State  
Carbon County, UT

## 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Weekly Activity Report
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Weekly drilling activity report from 11/21/08 through 12/4/08 (report #'s 2-6).

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)  
Tracey Fallang

Title Regulatory Analyst

Signature

Tracey Fallang

Date 12/04/2008

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

RECEIVED

DEC 08 2008

DIV. OF OIL, GAS &amp; MINING

# REGULATORY DRILLING SUMMARY

WELLCORE

Well : Peter's Point #15-27D-12-16

Phase/Area : West Tavaputs

Operations Date : 11/30/2008

Bottom Hole Display	API #/License
SWSE-27-12S-16E-W26M	43-007-31410

Report # : 2

Depth At 06:00 : 1340.00

Estimated Total Depth : 7760.00

Surface Location : SESE-27-12S-16E-W26M

Spud Date : 11/6/2008

Days From Spud : 24

Morning Operations : DRILLING 8 3/4" HOLE W/ BIT #1

## Remarks :

DAYS SINCE LTA= 137 DAYS

Safety Meeting Topics: SKID RIG W/TRUCKS- NU  
BOP'S-PRESS TESTING-PU BHA-COLD WEATHER-  
BOP TEST @1045' @1:30 AM= 74 Sec  
RIG WATER Dailey: 860 Bbl <--> Total Used= 860 Bbls  
Diesel Fuel on Loc: 8818 Gal <--> Day Used= 637 Gal  
<-->Total Used= 637 Gal  
6.5" Hunting Motor, .16 adj, SN-6314 : Bit #1= 4.5 Hrs  
Dailey- 4.5 Hrs Ttl

Time To	Description
7:30 AM	RD PREP FOR SKID RIG, WAIT ON DAYLIGHT & TRUCKS FOR SKID
9:30 AM	WAIT ON DAWN TRUCKING TRUCKS TO ARRIVE & SKID RIG
1:00 PM	SKID RIG- MOVE BACK YARD-RU W/ TRUCKS
3:00 PM	RU WITH CREWS
4:00 PM	NU BOP'S- FUNCTION TEST
6:30 PM	S.MTG-Press Test UPPER & Lower Kelley Valves-Pipe Rams-Blind Rams-Choke Line-Kill Line-TIW Safety Valve-Choke Manifold, HCR VALVE-Inner & Outter Kil line Valves TO 250 Psi & Held ea Test 5 Min on LOW Press & 3000# HI Press & Held ea Test for 10 MI For HI Test,- PT Annular BOP 5 min @250# & 10 Min @1500# Hi Test- Test Casing @ 1500# & Held 30 Min & ok- Checked Accumulator System Test & OK- Air-Nitrogen & Electric- Filled Manifold w/ Methanol- RD Single Jack Test Equipt
7:00 PM	INSTALL WEAR BUSHING IN B.HEAD
8:00 PM	PRE-SPUD RIG INSPECTION- OK
8:30 PM	CMT HAD FALLEN BACK AROUND SURF CASING- FILL 9 5/8" X 14" CONDUCTOR W/ SACK KWIK CRETE- CMT W/ KWICK CRETE
9:30 PM	PU 8 3/4" PDC Bit #1 & 6 12" Motor- Set Motor @ 1.83 Deg- PU MWD TOOLS- ORIENT Tool Face-
11:30 PM	TIH W/ BIT #1 & BHA to TAG CMT @949 FT- INSTALL ROT HEAD RUBBER- INSTALL CORRISION RING IN SAVER SUB-KELLEY-UP
1:30 AM	DRILL SHOE TRACK CMT-W.PLUG- FC- CMT-GUIDE SHOE 949' TO 1045 FTKBM
6:00 AM	DRILL OUT SHOE & SPUD 8 3/4" @ 1:30 AM on 11/30/08 Drill W/ BIT #1 F/ 1045 FT to 1340 Ft w/ MWD Surveys- Rotation & Slide as Needed- BOP DRILL @1055 Ft @1: 30 AM= 74 SEC.

# REGULATORY DRILLING SUMMARY

WELLCORE

Well : Peter's Point #15-27D-12-16

Phase/Area : West Tavaputs

Operations Date : 12/2/2008

Bottom Hole Display	API #/License
SWSE-27-12S-16E-W26M	43-007-31410

Report # : 4

Depth At 06:00 : 4606.00

Estimated Total Depth : 7760.00

Surface Location : SESE-27-12S-16E-W26M

Spud Date : 11/6/2008

Days From Spud : 26

Morning Operations : DRILLING W/ 8 3/4" BIT #1

## Remarks :

Time To	Description
6:00 AM	DRILL F/ 3680 Ft to 4606 Ft W/ MWD SURVEYS- ROTATING & SLIDES AS NEEDED
3:00 PM	DRILL 3039 Ft to 3680 Ft- w/ MWD SURVEYS-ROTATING- SLIDE AS NEEDED
3:30 PM	RIG SERVICE- BOP DRILL= 53 SEC- Function Pipe Rams & Annular

DAYS SINCE LTA= 139 DAYS  
Safety Meeting Topics: TONG DIES C/O, Welder's Helper-  
BOP Drill Day Tour=53 SEC.- Nite Tour S.MTG= Welders  
Helper, Cleaning Light Plant  
RIG WATER Dailey: 640 Bbl <--> Total Used= 1500 Bbls  
Diesel on Loc: 6680 Gal <--> Day Used= 1563 Gal <--> Total  
Used= 2802 Gal  
6.5" Hunting Motor, 16 adj, SN-6314 #1= 23.5 Hrs Dailey-  
Ttl = 51.5 hrs 6.5" Hunting Adj-16 Motor S/N 6283=  
1-6 1/2" AKO MUD MOTER S/N 6174= 0 HOURS=  
342-JOINTS OF 4 1/2" DRILL PIPE  
40- JOINTS OF 4 1/2" HEAVY WEIGHT DRILL PIPE  
23-JOINTS OF 6 1/2" DRILL COLLARS  
8 Jts 4.5"-11.6#-I-80-LTC PROD CSG  
2 Jts P.CSG-4 1/2"-11.6#-I-100-LTC Jts P.CSG

Well : Peter's Point #15-27D-12-16

Phase/Area : West Tavaputs

Operations Date : 12/1/2008

Bottom Hole Display	API #/License
SWSE-27-12S-16E-W26M	43-007-31410

Report # : 3

Depth At 06:00 : 3039.00

Estimated Total Depth : 7760.00

Surface Location : SESE-27-12S-16E-W26M

Spud Date : 11/6/2008

Days From Spud : 25

Morning Operations : DRILLING W/ 8 3/4" BIT #1

## Remarks :

Time To	Description
8:30 AM	DRILL 1340 Ft to 1564 Ft- w/ MWD SURVEYS-ROTATING- SLIDE AS NEEDED
9:00 AM	RIG SERVICE- BOP DRILL= 49 SEC- Function Pipe Rams & Annular
6:00 AM	DRILL F/ 1564 Ft to 3039 Ft W/ MWD SURVEYS- ROTATING & SLIDES AS NEEDED

DAYS SINCE LTA= 138 DAYS  
Safety Meeting Topics: COLD WEATHER- METHNOL IN  
AIR System- BOP Drill Day Tour=49 SEC.- Nite Tour  
S.MTG= Methnol Air System-Chg tong die  
RIG WATER Dailey: 0 Bbl <--> Total Used= 860 Bbls  
Diesel on Loc: 8216 Gal <--> Day Used= 602 Gal <--> Total  
Used= 1239 Gal  
6.5" Hunting Motor, 16 adj, SN-6314 #1= 23.5 Hrs Dailey-  
Ttl = 28.0 hrs 6.5" Hunting Adj-16 Motor S/N 6283=  
1-6 1/2" AKO MUD MOTER S/N 6174= 0 HOURS=  
342-JOINTS OF 4 1/2" DRILL PIPE  
40- JOINTS OF 4 1/2" HEAVY WEIGHT DRILL PIPE  
23-JOINTS OF 6 1/2" DRILL COLLARS  
8 Jts 4.5"-11.6#-I-80-LTC PROD CSG  
2 Jts P.CSG-4 1/2"-11.6#-I-100-LTC Jts P.CSG

# REGULATORY DRILLING SUMMARY

WELLCORE

Well : Peter's Point #15-27D-12-16

Phase/Area : West Tavaputs

Operations Date : 12/4/2008

Bottom Hole Display	API #/License
SWSE-27-12S-16E-W26M	43-007-31410

Report # : 6

Depth At 06:00 : 6575.00

Estimated Total Depth : 7760.00

Surface Location : SESE-27-12S-16E-W26M

Spud Date : 11/6/2008

Days From Spud : 28

Morning Operations : DRILLING W/ 8 3/4" BIT #1

## Remarks :

Time To	Description
6:00 AM	DRILL F/ 5984 Ft to 6575 Ft W/ MWD SURVEYS- ROTATING & SLIDES AS NEEDED
2:00 PM	DRILL 5632 Ft to 5984 Ft- w/ MWD SURVEYS-ROTATING- SLIDE AS NEEDED
2:30 PM	RIG SERVICE- CHG OUT SAVER SUB

DAYS SINCE LTA= 141 DAYS  
Safety Meeting Topics: Pressure Washing, Blowing Down Boiler- BOP Drill Day Tour @5920 Ft= 95 SEC., Function Test Pipe Rams & Annular- Nite Tour S.MTG= Pick Pipe to V-Door, Blow down Boiler- BOP Drill= 57 Sec, FCT Pipe Rams  
DAILEY Water Used= 800 Bbl <--> Total Used= 2300 Bbls  
~~Diesel on Loc: 3689 Gal <--> Day Used= 1784 Gal <--> Total Used= 5811 Gal~~  
6.5" Hunting Motor, 16 adj, SN-6314 #1= 23.5 Hrs Dailey- Ttl = 98.5 hrs 6.5" Hunting Adj-16 Motor S/N 6283= 1-6 1/2" AKO MUD MOTER S/N 6174= 0 HOURS= 342-JOINTS OF 4 1/2" DRILL PIPE  
40- JOINTS OF 4 1/2" HEAVY WEIGHT DRILL PIPE  
23-JOINTS OF 6 1/2" DRILL COLLARS  
7 Jts 4.5"-11.6#-I-80-LTC PROD CSG-GOOD- 1 jt Bad Pin Threads-Ttl 8 Jts  
187 Jts P.CSG-4 1/2"-11.6#-I-100-LTC Jts P.CSG Including 2 x mkr Jts

Well : Peter's Point #15-27D-12-16

Phase/Area : West Tavaputs

Operations Date : 12/3/2008

Bottom Hole Display	API #/License
SWSE-27-12S-16E-W26M	43-007-31410

Report # : 5

Depth At 06:00 : 5632.00

Estimated Total Depth : 7760.00

Surface Location : SESE-27-12S-16E-W26M

Spud Date : 11/6/2008

Days From Spud : 27

Morning Operations : DRILLING W/ 8 3/4" BIT #1

## Remarks :

Time To	Description
6:00 AM	DRILL F/ 5088 Ft to 5632 Ft W/ MWD SURVEYS- ROTATING & SLIDES AS NEEDED
2:30 PM	DRILL 4606 Ft to 5088 Ft- w/ MWD SURVEYS-ROTATING- SLIDE AS NEEDED
3:00 PM	RIG SERVICE- BOP DRILL= 53 SEC- Function Pipe Rams & Annular

DAYS SINCE LTA= 140 DAYS  
Safety Meeting Topics: Moving Pipe w/ Forklift, Day 7- BOP Drill Day Tour=53 SEC.- Nite Tour S.MTG= DAY 7, Pressure Washing  
DAILEY Water Used= 0 Bbl <--> Total Used= 1500 Bbls  
Diesel on Loc: 5437 Gal <--> Day Used= 1225 Gal <--> Total Used= 4027 Gal  
6.5" Hunting Motor, 16 adj, SN-6314 #1= 23.5 Hrs Dailey- Ttl = 75.0 hrs 6.5" Hunting Adj-16 Motor S/N 6283= 1-6 1/2" AKO MUD MOTER S/N 6174= 0 HOURS= 342-JOINTS OF 4 1/2" DRILL PIPE  
40- JOINTS OF 4 1/2" HEAVY WEIGHT DRILL PIPE  
23-JOINTS OF 6 1/2" DRILL COLLARS  
8 Jts 4.5"-11.6#-I-80-LTC PROD CSG  
187 Jts P.CSG-4 1/2"-11.6#-I-100-LTC Jts P.CSG Including 2 x mkr Jts

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**CONFIDENTIAL**  
FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.  
UTU-08107

6. If Indian, Allottee or Tribe Name  
N/A

**SUBMIT IN TRIPLICATE** - Other instructions on page 2.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
Bill Barrett Corporation

3a. Address  
1099 18th Street, Suite 2300  
Denver, CO 80202

3b. Phone No. (include area code)  
303-312-8134

7. If Unit of CA/Agreement, Name and/or No.  
Peter's Point/UTU-63014

8. Well Name and No.  
Peter's Point Unit Federal 15-27D-12-16

9. API Well No.  
43-007-31410

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
SESE, 1063' FSL, 799' FEL  
Sec. 27, T12S-R16E

10. Field and Pool or Exploratory Area  
Peter's Point/Wasatch-Mesaverde

11. Country or Parish, State  
Carbon County, UT

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Weekly Activity</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>Report</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Weekly drilling activity report from 12/5/08 through 12/11/08 (report #'s 7-10). Final drilling report, waiting on completions (no further reports until operations resume in 2009).

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)

Tracey Fallang

Title Regulatory Analyst

Signature

*Tracey Fallang*

Date 12/11/2008

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**RECEIVED**

DEC 15 2008

DIV. OF OIL, GAS & MINING

# REGULATORY DRILLING SUMMARY

WELLCORE

Well : Peter's Point #15-27D-12-16

Phase/Area : West Tavaputs

Operations Date : 12/5/2008

Bottom Hole Display	API #/License
SWSE-27-12S-16E-W26M	43-007-31410

Report # : 7

Depth At 06:00 : 7314.00

Estimated Total Depth : 7760.00

Surface Location : SESE-27-12S-16E-W26M

Spud Date : 11/6/2008

Days From Spud : 29

Morning Operations : DRILLING

Time To	Description
1:00 PM	DRILLING FROM 6575' TO 6848' [SURVEYS & ROTATE]
1:30 PM	RIG SERVICE, BOP DRILL FUNC. P.RAMS
6:00 AM	DRILLING FROM 6848' TO 7314' [SURVEYS & ROTATE]

## Remarks :

DAYS SINCE LTA= 141 DAYS  
Safety Meeting Topics: Pressure Washing, Blowing Down  
Boiler- BOP Drill Day Tour @5920 Ft= 95 SEC., Function  
Test Pipe Rams & Annular- Nite Tour S.MTG= Pick Piper,  
r- BOP Drill= 57 Sec, FCT Pipe Rams  
DAILEY Water Used= 0 Bbl <--> Total Used= 2300 Bbls  
Diesel on Loc: 1988 Gal <--> Day Used= 1701 Gal <--> Total  
Used= 7512 Gal  
6.5" Hunting Motor, .16 adj, SN-6314 #1= 23.5 Hrs Dailey-  
Ttl = 98.5 hrs 6.5" Hunting Adj. 16 Motor S/N 6283=  
1-6 1/2" AKO MUD MOTER S/N 6174= 0 HOURS=  
342-JOINTS OF 4 1/2" DRILL PIPE  
40- JOINTS OF 4 1/2" HEAVY WEIGHT DRILL PIPE  
23-JOINTS OF 6 1/2" DRILL COLLARS  
7 Jts 4.5"-11.6#-I-80-LTC PROD CSG-GOOD- 1 jt Bad Pin  
Threads-Ttl 8 Jts  
187 Jts P.CSG-4 1/2"-11.6#-I-100-LTC Jts P.CSG Including  
2 x mkr Jts

# REGULATORY DRILLING SUMMARY

WELLCORE

Well : Peter's Point #15-27D-12-16

Phase/Area : West Tavaputs

Operations Date : 12/7/2008

Bottom Hole Display	API #/License
SWSE-27-12S-16E-W26M	43-007-31410

Report # : 9

Depth At 06:00 : 7737.00

Estimated Total Depth : 7760.00

Surface Location : SESE-27-12S-16E-W26M

Spud Date : 11/6/2008

Days From Spud : 31

Morning Operations : LAYDOWN DRILL STRING

## Remarks :

DAYS SINCE LTA= 144 DAYS  
Safety Meeting Topics: Pressure Washing, Blowing Down  
Boiler- BOP Drill Day Tour @5920 Ft= 95 SEC., Function  
Test Pipe Rams & Annular- Nite Tour S.MTG= Pick Piper,  
r- BOP Drill= 57 Sec, FCT Pipe Rams  
DAILEY Water Used= 0 Bbl <--> Total Used= 2300 Bbls  
Diesel on Loc: 1988 Gal <--> Day Used= 1701 Gal <-->Total  
Used= 7512 Gal  
6.5" Hunting Motor, 16 adj, SN-6314 #1= 23.5 Hrs Dailey-  
Ttl = 98.5 hrs 6.5" Hunting Adj- 16 Motor S/N 6283=  
1-6 1/2" AKO MUD MOTER S/N 6174= 0 HOURS=  
342-JOINTS OF 4 1/2" DRILL PIPE  
40- JOINTS OF 4 1/2" HEAVY WEIGHT DRILL PIPE  
23-JOINTS OF 6 1/2" DRILL COLLARS  
7 Jts 4.5"-11.6#-I-80-LTC PROD CSG-GOOD- 1 jt Bad Pin  
Threads-Ttl 8 Jts  
187 Jts P.CSG-4 1/2"-11.6#-I-100-LTC Jts P.CSG Including  
2 x mkr Jts

Time To	Description
7:30 AM	PULL OUT OF HOLE FOR LOGS. LAYDOWN BIT AND MUD MOTER.
8:00 AM	LAYDOWN DIRECTIONAL TOOLS
9:00 AM	PULL WEAR RING
9:30 AM	RIG SERVICE BOP DRILL FUNC. BLIND RAMS
1:30 PM	PJSM RIG UP LOGERS RUN TRIPPLE COMBO LOGERS TD 7716'
6:30 PM	RUN IN HOLE WITH FILL AT 3500'
8:30 PM	CIRCULATE SWEEP AROUND WORK HOLE PREJOB SFFETY MEETING RIG UP LAYDOWN MACHINE
9:30 PM	PJSM AND RIG UP LADOWN MACHINE ***[CASING HAND PINCHED FOOT UNDER TROUGH AND WAS CHECKEED BY DOCTER ONLY BRUISED RETURNED TO WORK]
1:30 AM	LAYDOWN DRILL STRING
3:00 AM	REPAIR LAYDOWN MACHINE
6:00 AM	LAYDOWN DRILL STRING

Well : Peter's Point #15-27D-12-16

Phase/Area : West Tavaputs

Operations Date : 12/6/2008

Bottom Hole Display	API #/License
SWSE-27-12S-16E-W26M	43-007-31410

Report # : 8

Depth At 06:00 : 7737.00

Estimated Total Depth : 7760.00

Surface Location : SESE-27-12S-16E-W26M

Spud Date : 11/6/2008

Days From Spud : 30

Morning Operations : PULL OUT OF HOLE FOR LOGS

## Remarks :

DAYS SINCE LTA= 143 DAYS  
Safety Meeting Topics: Pressure Washing, Blowing Down  
Boiler- BOP Drill Day Tour @5920 Ft= 95 SEC., Function  
Test Pipe Rams & Annular- Nite Tour S.MTG= Pick Piper,  
r- BOP Drill= 57 Sec, FCT Pipe Rams  
DAILEY Water Used= 0 Bbl <--> Total Used= 2300 Bbls  
Diesel on Loc: 1988 Gal <--> Day Used= 1701 Gal <-->Total  
Used= 7512 Gal  
6.5" Hunting Motor, 16 adj, SN-6314 #1= 23.5 Hrs Dailey-  
Ttl = 98.5 hrs 6.5" Hunting Adj- 16 Motor S/N 6283=  
1-6 1/2" AKO MUD MOTER S/N 6174= 0 HOURS=  
342-JOINTS OF 4 1/2" DRILL PIPE  
40- JOINTS OF 4 1/2" HEAVY WEIGHT DRILL PIPE  
23-JOINTS OF 6 1/2" DRILL COLLARS  
7 Jts 4.5"-11.6#-I-80-LTC PROD CSG-GOOD- 1 jt Bad Pin  
Threads-Ttl 8 Jts  
187 Jts P.CSG-4 1/2"-11.6#-I-100-LTC Jts P.CSG Including  
2 x mkr Jts

Time To	Description
2:30 PM	DRILLING FROM 7314' TO 7521' [SURVEYS & ROTATE]
3:30 PM	WIPPER TRIP TO 7300'
4:30 PM	RIG SERVICE FUNCTION ANNULAR
10:30 PM	DRILLING FROM 7521' TO 7737' [SLIDE AND ROTATE]
1:00 AM	WIPPER TRIP TO 6300'
2:00 AM	CIRCULATE SWEEP AROUND,PUMP DRY SLUG
6:00 AM	PULL OUT OF HOLE FOR LOGS

# REGULATORY DRILLING SUMMARY

WELLCORE

Well : Peter's Point #15-27D-12-16

Phase/Area : West Tavaputs

Operations Date : 12/8/2008

Bottom Hole Display	API #/License
SWSE-27-12S-16E-W26M	43-007-31410

Report # : 10

Depth At 06:00 : 7737.00

Estimated Total Depth : 7760.00

Surface Location : SESE-27-12S-16E-W26M

Spud Date : 11/6/2008

Days From Spud : 32

Morning Operations : PREPARE TO SKID \*\*RELEASED RIG 23:00 ON 12/7/2008\*\*

Time To	Description
7:00 AM	LAYDOWN DRILLSTRING
8:00 AM	PJSM RIG UP CASERS
11:30 AM	RUN 184 JOINTS OF 4 1/2" L.T.C. #11.6 I-100 LENGTH 7726' SET@7716'
2:00 PM	CIRCULATE RIG DOWN CASERS **WAIT ON HALCO**
4:00 PM	PJSM RIG UP HALLIBURTON
7:00 PM	PRESSURE TEST SURFACE LINES TO 4000 PSI,PUMP 10BBL FRESH,20BBL SUPER FLUSH,10BBL FRESH 432BBL50/50 POZ 13.4 PPG CEMENT,DISPLACE WITH 119 BBL FRESH BUMP PLUG WITH 500 PSI OVER PLUG AND FLOAT HELD OBERVE ANNULAS 20 MIN RIG DOWN HALLIBURTON
8:00 PM	NIPPLE DOWN BLOWOUT PREVENTERS
10:00 PM	SET CASING SLIPS WITH 15K OVER STRING WEIGHT
11:00 PM	CUT AND SLIP 120' DRILL LINE
6:00 AM	RIG DOWN PREPARE FOR SKID *****RELEASED RIG@23:00:00*****

## Remarks :

DAYS SINCE LTA= 145 DAYS  
Safety Meeting Topics: Pressure Washing, Blowing Down Boiler- BOP Drill Day Tour @5920 Ft= 95 SEC., Function Test Pipe Rams & Annular- Nite Tour S.MTG= Pick Piper, r- BOP Drill= 57 Sec, FCT Pipe Rams  
DAILEY Water Used= 0 Bbl <--> Total Used= 2300 Bbls Diesel on Loc: 1988 Gal <--> Day Used= 1701 Gal <-->Total Used= 7512 Gal  
6.5" Hunting Motor,.16 adj, SN-6314 #1= 23.5 Hrs Dailey-Ttl = 98.5 hrs 6.5" Hunting Adj-.16 Motor S/N 6283= 1-6 1/2" AKO MUD MOTER S/N 6174= 0 HOURS= 342-JOINTS OF 4 1/2" DRILL PIPE  
40- JOINTS OF 4 1/2" HEAVY WEIGHT DRILL PIPE  
23-JOINTS OF 6 1/2" DRILL COLLARS  
7 Jts 4.5"-11.6#-I-80-LTC PROD CSG-GOOD- 1 jt Bad Pin Threads-Ttl 8 Jts  
187 Jts P.CSG-4 1/2"-11.6#-I-100-LTC Jts P.CSG Including 2 x mkr Jts

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.  
UTU-08107

6. If Indian, Allottee or Tribe Name  
N/A

**SUBMIT IN TRIPLICATE** - Other instructions on page 2.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
Bill Barrett Corporation

3a. Address  
1099 18th Street, Suite 2300  
Denver, CO 80202

3b. Phone No. (include area code)  
303-312-8134

7. If Unit of CA/Agreement, Name and/or No.  
Peter's Point/UTU-63014

8. Well Name and No.  
Peter's Point Unit Federal 15-27D-12-16

9. API Well No.  
43-007-31410

10. Field and Pool or Exploratory Area  
Peter's Point/Wasatch-Mesaverde

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
SESE, 1063' FSL, 799' FEL  
Sec. 27, T12S-R16E

11. Country or Parish, State  
Carbon County, UT

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Weekly Activity</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Report
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

No activity, waiting on completion.

\*\*\*STATE ONLY\*\*\*

RECEIVED  
JAN 20 2009  
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)  
Tracey Fallang

Title Regulatory Analyst

Signature

*Tracey Fallang*

Date 01/12/2009

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

CONFIDENTIAL

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.  
see attached  
6. If Indian, Allottee or Tribe Name  
N/A

**SUBMIT IN TRIPLICATE - Other instructions on page 2.**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
Bill Barrett Corporation

3a. Address  
1099 18th Street, Suite 2300  
Denver, CO 80202

3b. Phone No. (include area code)  
303-312-8134

7. If Unit of CA/Agreement, Name and/or No.  
Peter's Point/UTU-63014

8. Well Name and No.  
see attached PPU Fed 15-27D-12-16

9. API Well No.  
43 007 3410

10. Field and Pool or Exploratory Area  
Peter's Point/Wasatch-Mesaverde

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

see attached 12S 14E 27

11. Country or Parish, State  
Carbon County, UT

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Revised layout and measurement
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

This sundy is being submitted as a follow up to clarify testing/allocation methods for the attached wells.

Initial testing would occur (or has occurred) as soon as possible after production is established and would be a 1-3 day test to get a baseline for allocation. After the initial test is performed, BBC would move to quarterly testing, testing each well for 7-10 days and rotating through the wells without any downtime between tests. Revised site security diagrams will be submitted as wells are completed.

COPY SENT TO OPERATOR

Date: 2-24-2009

Initials: KS

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)  
Tracey Fallang

Title Regulatory Analyst

Signature

Date 02/10/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Pet. Eng.

Date

2/17/09

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

DOGm

Federal Approval Of This Action Is Necessary

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

DIV. OF OIL, GAS & MINING

WELL NAME	FIELD	COUNTY	QTR/QTR	SEC	TWN-RNG	FOOTAGE	CALLS	LEASE #	# OF TANKS
PETERS POINT U FED 3-36-12-16	PETER'S POINT	CARBON	NENW	36	12S-16E	572	N 2184 W	UTU-04049	(2) Multiple Well Prod Tank (1) Prod Tank (15-25D) (1) Test Tank (1) Blowdown Tank
PETERS POINT U FED 4-36D-12-16	PETER'S POINT	CARBON	NENW	36	12S-16E	617	N 2202 W	UTU-04049	
PETERS POINT U FED 15-25D-12-16	PETER'S POINT	CARBON	NENW	36	12S-16E	602	N 2195 W	UTU-0681	
PETERS POINT U FED 13-25D-12-16	PETER'S POINT	CARBON	NENW	36	12S-16E	588	N 2189 W	UTU-0681	(4) Multiple Well Prod Tanks (1) Test Tank (1) Blowdown Tank
PETERS POINT U FED 14-26D-12-16	PETER'S POINT	CARBON	SESW	26	12S-16E	225	S 1522 W	UTU-0681	
PETERS POINT U FED 3-35D-12-16	PETER'S POINT	CARBON	SESW	26	12S-16E	208	S 1527 W	JTSL-07159	
PETERS POINT U FED 15-26D-12-16	PETER'S POINT	CARBON	SESW	26	12S-16E	239	S 1518 W	UTU-0681	
PETERS POINT U FED 13-26D-12-16	PETER'S POINT	CARBON	SESW	26	12S-16E	254	S 1514 W	UTU-0681	
PETERS POINT U FED 10-26D-12-16	PETER'S POINT	CARBON	SESW	26	12S-16E	270	S 1510 W	UTU-0681	
PETERS POINT U FED 11-26D-12-16	PETER'S POINT	CARBON	SESW	26	12S-16E	285	S 1506 W	UTU-0681	
PETERS POINT U FED 12-26D-12-16	PETER'S POINT	CARBON	SESW	26	12S-16E	301	S 1502 W	UTU-0681	(3) Multiple Well Prod Tanks (1) Test Tank (1) Blowdown Tank
PETERS POINT U FED 6-35D-12-16	PETER'S POINT	CARBON	SESW	35	12S-16E	2044	N 2552 W	JTSL-07159	
PETERS POINT U FED 2-35D-12-16	PETER'S POINT	CARBON	SESW	35	12S-16E	2075	N 2561 W	UTU-0681	
PETERS POINT U FED 1-35D-12-16	PETER'S POINT	CARBON	SESW	35	12S-16E	2090	N 2565 W	UTU-0681	
PETERS POINT U FED 7-35D-12-16	PETER'S POINT	CARBON	SESW	35	12S-16E	2106	N 2569 W	UTU-0681	
PETERS POINT U FED 4-35D-12-16	PETER'S POINT	CARBON	SESW	35	12S-16E	2060	N 2556 W	JTSL-07159	(2) Multiple Well Prod Tanks (1) Prod Tank (11-27D) (1) Test Tank (1) Blowdown Tank
PETER'S POINT U FED 16-27-12-16	PETER'S POINT	CARBON	SESE	27	12S-16E	1049	S 813 E	UTU-08107	
PETER'S POINT U FED 9-27D-12-16	PETER'S POINT	CARBON	SESE	27	12S-16E	1050	S 790 E	UTU-08107	
PETER'S POINT U FED 15-27D-12-16	PETER'S POINT	CARBON	SESE	27	12S-16E	1063	S 799 E	UTU-08107	
PETER'S POINT U FED 11-27D-12-16	PETER'S POINT	CARBON	SESE	27	12S-16E	1075	S 809 E	UTU-08107	
PETER'S POINT U FED 10-27D-12-16	PETER'S POINT	CARBON	SESE	27	12S-16E	1088	S 819 E	UTU-08107	

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

tfallang  
~~CONFIDENTIAL~~  
**CONFIDENTIAL**

**SUNDRY NOTICES AND REPORTS ON WELLS**  
***Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.***

5. Lease Serial No.  
UTU-63107

6. If Indian, Allottee or Tribe Name  
N/A

**SUBMIT IN TRIPLICATE** – Other instructions on page 2.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
Bill Barrett Corporation

3a. Address  
1099 18th Street, Suite 2300  
Denver, CO 80202

3b. Phone No. (include area code)  
303-312-8134

7. If Unit of CA/Agreement, Name and/or No.  
Peter's Point/UTU-63014

8. Well Name and No.  
Peter's Point Unit Federal 15-27D-12-16

9. API Well No.  
43-007-31410

10. Field and Pool or Exploratory Area  
Peter's Point/Wasatch-Mesaverde

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
SESE, 1063' FSL, 799' FEL  
Sec. 27, T12S-R16E

11. Country or Parish, State  
Carbon County, UT

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <b>Weekly Activity</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<b>Report</b>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

No activity, waiting on completion.

\*\*\*STATE ONLY\*\*\*

14. I hereby certify that the foregoing is true and correct.  
Name (Printed/Typed)

Tracey Fallang

Title Regulatory Analyst

Signature

*Tracey Fallang*

Date 02/10/2009

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**RECEIVED**

**FEB 12 2009**

**DIV. OF OIL, GAS & MINING**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

CONFIDENTIAL

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.  
UTU-08107

6. If Indian, Allottee or Tribe Name  
N/A

COPY

**SUBMIT IN TRIPLICATE** – Other instructions on page 2.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
Bill Barrett Corporation

3a. Address  
1099 18th Street, Suite 2300  
Denver, CO 80202

3b. Phone No. (include area code)  
303-312-8134

7. If Unit of CA/Agreement, Name and/or No.  
Peter's Point/UTU-63014

8. Well Name and No.  
Peter's Point Unit Federal 15-27D-12-16

9. API Well No.  
43-007-31410

10. Field and Pool or Exploratory Area  
Peter's Point/Wasatch-Mesaverde

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
SESE, 1063' FSL, 799' FEL  
Sec. 27, T12S-R16E

11. Country or Parish, State  
Carbon County, UT

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Weekly Activity</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>Report</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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Weekly completion activity report from 2/11/09 through 2/18/09 (report #'s 3-4).

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)  
Tracey Fallang

Title Regulatory Analyst

Signature

*Tracey Fallang*

Date 02/18/2009

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

RECEIVED

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FEB 23 2009

(Instructions on page 2)

DIV. OF OIL, GAS & MINING

# REGULATORY COMPLETION SUMMARY

WELLCORE

Well Name : Peter's Point #15-27D-12-16

Phase/Area

West Tavaputs

Bottom Hole Display	API #/License
SWSE-27-12S-16E-W26M	43-007-31410

Ops Date : 2/12/2009

Report # : 4

AFE # : 15171D

Summary : Rig up HES EL Truck. Pick up Radial CBL Tool & 3.65" gauge ring. RIH to PBTD @ 7658'. Pressure CSG up to 1000 PSI. Log up to surface. CMT @ 1500'. Lay down CBL tool. Rig down. SWI

End Time

Description

3:00 PM

SI

7:00 PM

Rig up HES EL Truck. Pick up Radial CBL Tool & 3.65" gauge ring. RIH to PBTD @ 7658'. Pressure CSG up to 1000 PSI. Log up to surface. CMT @ 1500'. Lay down CBL tool. Rig down. SWI

11:59 PM

SI

Well Name : Peter's Point #15-27D-12-16

Phase/Area

West Tavaputs

Bottom Hole Display	API #/License
SWSE-27-12S-16E-W26M	43-007-31410

Ops Date : 2/11/2009

Report # : 3

AFE # : 15171D

Summary : Rig up HES EL Truck. Pick up Gyro/ Data tool. RIH recording DATA every 100' POOH, Lay tool down.

End Time

Description

8:00 AM

SI

12:00 PM

Rig up. Pick up Gyro/ Data tool. RIH recording DATA every 100'. POOH lay tool down. RD

11:59 PM

SI

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

tfallang  
**CONFIDENTIAL**

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**COPY**

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.  
UTU-08107

6. If Indian, Allottee or Tribe Name  
N/A

**SUBMIT IN TRIPLICATE – Other instructions on page 2.**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
Bill Barrett Corporation

3a. Address  
1099 18th Street, Suite 2300  
Denver, CO 80202

3b. Phone No. (include area code)  
303-312-8134

7. If Unit of CA/Agreement, Name and/or No.  
Peter's Point/UTU-63014

8. Well Name and No.  
Peter's Point Unit Federal 15-27D-12-16

9. API Well No.  
43-007-31410

10. Field and Pool or Exploratory Area  
Peter's Point/Wasatch-Mesaverde

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
SESE, 1063' FSL, 799' FEL  
Sec. 27, T12S-R16E

11. Country or Parish, State  
Carbon County, UT

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Weekly Activity
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Report
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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No weekly completion activity from 02/19/09 through 3/19/09.

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)  
Tracey Fallang

Title Regulatory Analyst

Signature

*Tracey Fallang*

Date 03/19/2009

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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(Instructions on page 2)

**RECEIVED**

**MAR 25 2009**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

~~CONFIDENTIAL~~  
CONFIDENTIAL

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**

**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.  
UTU-08107

6. If Indian, Allottee or Tribe Name  
N/A

**SUBMIT IN TRIPLICATE – Other instructions on page 2.**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
Bill Barrett Corporation

3a. Address  
1099 18th Street, Suite 2300  
Denver, CO 80202

3b. Phone No. (include area code)  
303-312-8134

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
SESE, 1063' FSL, 799' FEL  
Sec. 27, T12S-R16E

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Peter's Point/UTU-63014

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10. Field and Pool or Exploratory Area  
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11. Country or Parish, State  
Carbon County, UT

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<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Weekly Activity Report
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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No activity, waiting on completion.

\*\*\*\* STATE ONLY \*\*\*\*

14. I hereby certify that the foregoing is true and correct.  
Name (Printed/Typed)

Tracey Fallang

Title Regulatory Analyst

Signature

*Tracey Fallang*

Date 04/15/2009

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

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(Instructions on page 2)

RECEIVED  
APR 20 2009

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

tfallang  
CONFIDENTIAL

CONFIDENTIAL

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Section No.  
UTU-06107

6. If Indian, Allottee or Tribe Name  
N/A

**SUBMIT IN TRIPLICATE -- Other instructions on page 2.**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
Bill Barrett Corporation

3a. Address  
1099 18th Street, Suite 2300  
Denver, CO 80202

3b. Phone No. (include area code)  
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<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Weekly Activity</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>Report</u>
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No activity, waiting on completion.

\*\*\*\* STATE ONLY \*\*\*\*

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)  
Tracey Fallang

Title Regulatory Analyst

Signature

*Tracey Fallang*

Date 05/14/2009

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

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(Instructions on page 2)

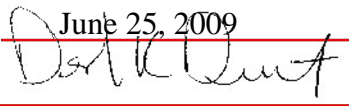
RECEIVED

MAY 18 2009

DIV. OF OIL, GAS & MINING

<div>STATE OF UTAH</div> <div>DEPARTMENT OF NATURAL RESOURCES</div> <div>DIVISION OF OIL, GAS, AND MINING</div>		<div>FORM 9</div> <div>5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-08107</div>	
<div>SUNDRY NOTICES AND REPORTS ON WELLS</div> <div>Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.</div>		<div>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</div> <div>7.UNIT or CA AGREEMENT NAME: PETERS POINT</div>	
<div>1. TYPE OF WELL</div> <div>Gas Well</div>		<div>8. WELL NAME and NUMBER:</div> <div>PPU FED 15-27D-12-16</div>	
<div>2. NAME OF OPERATOR:</div> <div>BILL BARRETT CORP</div>		<div>9. API NUMBER:</div> <div>43007314100000</div>	
<div>3. ADDRESS OF OPERATOR:</div> <div>1099 18th Street Ste 2300 , Denver, CO, 80202</div>		<div>PHONE NUMBER:</div> <div>303 312-8128 Ext</div>	
<div>4. LOCATION OF WELL</div> <div>FOOTAGES AT SURFACE:</div> <div>1063 FSL 0799 FEL</div> <div>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</div> <div>Qtr/Qtr: SESE Section: 27 Township: 12.0S Range: 16.0E Meridian: S</div>		<div>9. FIELD and POOL or WILDCAT:</div> <div>PETER'S POINT</div>	
		<div>COUNTY:</div> <div>CARBON</div>	
		<div>STATE:</div> <div>UTAH</div>	
<div>11.</div> <div>CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</div>			
<div>TYPE OF SUBMISSION</div> <div> <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:         </div> <div> <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:         </div> <div> <input type="checkbox"/> SPUD REPORT Date of Spud:         </div> <div> <input checked="" type="checkbox"/> DRILLING REPORT Report Date: 6/1/2009         </div>		<div>TYPE OF ACTION</div> <div> <input type="checkbox"/> ACIDIZE           <input type="checkbox"/> CHANGE TO PREVIOUS PLANS           <input type="checkbox"/> CHANGE WELL STATUS           <input type="checkbox"/> DEEPEN           <input type="checkbox"/> OPERATOR CHANGE           <input type="checkbox"/> PRODUCTION START OR RESUME           <input type="checkbox"/> REPERFORATE CURRENT FORMATION           <input type="checkbox"/> TUBING REPAIR           <input type="checkbox"/> WATER SHUTOFF           <input type="checkbox"/> WILDCAT WELL DETERMINATION         </div> <div> <input type="checkbox"/> ALTER CASING           <input type="checkbox"/> CHANGE TUBING           <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS           <input type="checkbox"/> FRACTURE TREAT           <input type="checkbox"/> PLUG AND ABANDON           <input type="checkbox"/> RECLAMATION OF WELL SITE           <input type="checkbox"/> SIDETRACK TO REPAIR WELL           <input type="checkbox"/> VENT OR FLARE           <input type="checkbox"/> SI TA STATUS EXTENSION           <input type="checkbox"/> OTHER         </div> <div> <input type="checkbox"/> CASING REPAIR           <input type="checkbox"/> CHANGE WELL NAME           <input type="checkbox"/> CONVERT WELL TYPE           <input type="checkbox"/> NEW CONSTRUCTION           <input type="checkbox"/> PLUG BACK           <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION           <input type="checkbox"/> TEMPORARY ABANDON           <input type="checkbox"/> WATER DISPOSAL           <input type="checkbox"/> APD EXTENSION           OTHER:         </div>	
<div>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</div> <div>           This sundry is being submitted as notification that this well had first sales on 6/1/09.           <div>             Accepted by the              Utah Division of              Oil, Gas and Mining  <b>FOR RECORD ONLY</b>              June 02, 2009           </div> </div>			
<div>NAME (PLEASE PRINT)</div> <div>Tracey Fallang</div>		<div>PHONE NUMBER</div> <div>303 312-8134</div>	
<div>SIGNATURE</div> <div>N/A</div>		<div>TITLE</div> <div>Regulatory Analyst</div>	
		<div>DATE</div> <div>6/2/2009</div>	

API Well No: 43007314100000

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>																														
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-08107																														
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>  																														
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP		<b>7. UNIT or CA AGREEMENT NAME:</b> PETERS POINT																														
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202		<b>8. WELL NAME and NUMBER:</b> PPU FED 15-27D-12-16																														
<b>4. LOCATION OF WELL FOOTAGES AT SURFACE:</b> 1063 FSL 0799 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE Section: 27 Township: 12.0S Range: 16.0E Meridian: S		<b>9. API NUMBER:</b> 43007314100000																														
<b>PHONE NUMBER:</b> 303 312-8128 Ext		<b>9. FIELD and POOL or WILDCAT:</b> PETER'S POINT																														
<b>COUNTY:</b> CARBON		<b>STATE:</b> UTAH																														
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>																																
<b>TYPE OF SUBMISSION</b>  <input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 6/1/2009  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<b>TYPE OF ACTION</b>  <table style="width:100%; border: none;"> <tr> <td><input type="checkbox"/> ACIDIZE</td> <td><input type="checkbox"/> ALTER CASING</td> <td><input type="checkbox"/> CASING REPAIR</td> </tr> <tr> <td><input type="checkbox"/> CHANGE TO PREVIOUS PLANS</td> <td><input type="checkbox"/> CHANGE TUBING</td> <td><input type="checkbox"/> CHANGE WELL NAME</td> </tr> <tr> <td><input type="checkbox"/> CHANGE WELL STATUS</td> <td><input checked="" type="checkbox"/> COMMINGLE PRODUCING FORMATIONS</td> <td><input type="checkbox"/> CONVERT WELL TYPE</td> </tr> <tr> <td><input type="checkbox"/> DEEPEN</td> <td><input type="checkbox"/> FRACTURE TREAT</td> <td><input type="checkbox"/> NEW CONSTRUCTION</td> </tr> <tr> <td><input type="checkbox"/> OPERATOR CHANGE</td> <td><input type="checkbox"/> PLUG AND ABANDON</td> <td><input type="checkbox"/> PLUG BACK</td> </tr> <tr> <td><input type="checkbox"/> PRODUCTION START OR RESUME</td> <td><input type="checkbox"/> RECLAMATION OF WELL SITE</td> <td><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION</td> </tr> <tr> <td><input type="checkbox"/> REPERFORATE CURRENT FORMATION</td> <td><input type="checkbox"/> SIDETRACK TO REPAIR WELL</td> <td><input type="checkbox"/> TEMPORARY ABANDON</td> </tr> <tr> <td><input type="checkbox"/> TUBING REPAIR</td> <td><input type="checkbox"/> VENT OR FLARE</td> <td><input type="checkbox"/> WATER DISPOSAL</td> </tr> <tr> <td><input type="checkbox"/> WATER SHUTOFF</td> <td><input type="checkbox"/> SI TA STATUS EXTENSION</td> <td><input type="checkbox"/> APD EXTENSION</td> </tr> <tr> <td><input type="checkbox"/> WILDCAT WELL DETERMINATION</td> <td><input type="checkbox"/> OTHER</td> <td>OTHER:  </td> </tr> </table>		<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> CHANGE WELL STATUS	<input checked="" type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER:
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<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b>  In accordance with Utah Division of Oil, Gas, and Mining's Rule 649-3-22, Completion Into Two or More Pools, BBC is submitting this sundry to request commingling approval for the Wasatch and Mesaverde formations. Gas composition is similar across all formations. The pressure profile across the formations is similar and BBC does not anticipate any cross flow. Production is considered to be from one pool. In the event that allocation by zone or interval is required, BBC would use representative sampling obtained from production logs and allocate on a percentage basis by zone or interval. A letter and affidavit of notice is attached.																																
<b>NAME (PLEASE PRINT)</b> Tracey Fallang		<b>PHONE NUMBER</b> 303 312-8134																														
<b>SIGNATURE</b> N/A		<b>TITLE</b> Regulatory Analyst																														
<b>DATE</b> 6/4/2009		<b>DATE:</b> June 25, 2009 <b>By:</b> 																														

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

**RECEIVED** June 04, 2009

## AFFIDAVIT

Affiant on oath swears that the following statements are true:

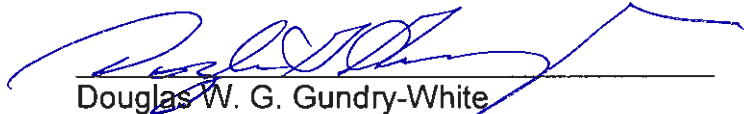
My Name is Douglas W. G. Gundry-White. I am a Senior Landman with Bill Barrett Corporation (BBC). BBC has submitted Sundry Notices to commingle production from the Wasatch and Mesaverde Formations in the Peters Point Unit Federal 15-27D-12-16 well, which is located in the SWSE of Section 27, Township 12 South, Range 16 East. In compliance with the Utah OGM regulation R649-3-22, I have provided a copy of the Sundry Notices, by certified mail, to the owners as listed below of all contiguous oil and gas leases or drilling units overlying the pool.

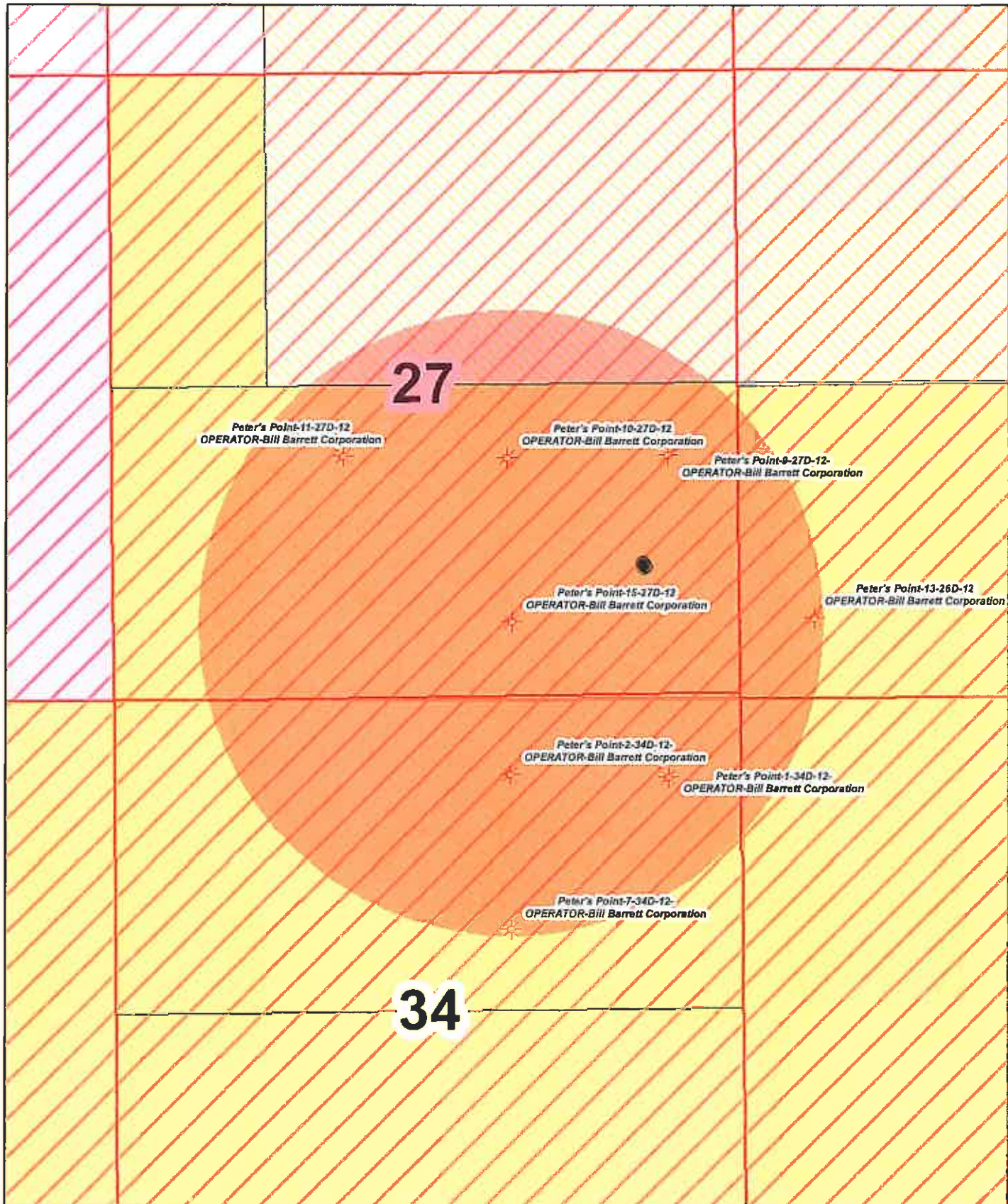
State of Utah  
School and Institutional Trust Lands Administration  
675 East 500 South, Suite 500  
Salt Lake City, UT 84102

Bureau of Land Management  
440 W. 200 S., Suite 500  
Salt Lake City, Utah 84101

Date: 6/2/2009

Affiant

  
\_\_\_\_\_  
Douglas W. G. Gundry-White



**Bill Barrett Corporation**

Well Location, Peters Point #15-27D-12-16  
 Located as shown in the SWSE 1/4  
 of Section 27, T12S-R16E Carbon County, Utah

**Wells**

- Surface Hole
- ✱ Bottom Hole
- 1/2 Mile Well Buffer

**Surface**

- FEDERAL SURFACE
- STATE SURFACE

**Leased**

- BILL BARRETT CORP.
- BILL BARRETT CORP (PENDING)
- EOG-75% / GASCO-25%





June 2, 2009

Utah Division of Oil, Gas & Mining  
1594 W. North Temple, Suite 1210  
Salt Lake City, UT 84116  
Attention: Dustin Doucet

RE: Sundry Notices  
Peter's Point Unit Federal 15-27D-12-16  
SWSE 27, T 13 S, R 16 E (BHL)  
Carbon Co., UT

Dear Mr. Doucet:

Bill Barrett Corporation has submitted Sundry Notices to commingle production from the Wasatch and Mesaverde Formations in the Peters Point UF 15-27D well. We have enclosed herewith a copy of the Sundry Notices together with a plat showing the leases and wells in the area and affidavit confirming notice pursuant to the Utah OGM regulations.

Should you require additional information in this regard, please feel free to contact me at 303-312-8129. Your earliest attention to this matter is most appreciated.

BILL BARRETT CORPORATION

Doug Gundry-White  
Senior Landman

Enclosures

1099 18TH STREET  
SUITE 2300  
DENVER, CO 80202  
P 303.293.9100  
F 303.291.0420



June 2, 2009

Bureau of Land Management  
440 West 200 South, Suite 500  
Salt Lake City, Utah 84101

Certified Mail 7008 1830 0000 5160 8454

RE: Sundry Notices  
Peters Point Unit Federal 15-27D-12-16  
SWSE 27 T12S R16E  
Carbon Co., UT

Gentlemen:

Bill Barrett Corporation has submitted Sundry Notices to commingle production from the Wasatch and Mesaverde Formations in the Peters Point UF 15-27D well. As required by the Utah OGM regulations R649-3-22, BBC has enclosed copies of the completed Sundry Notices.

Should you require additional information in this regard, please feel free to contact me at 303-312-8129.

BILL BARRETT CORPORATION

Doug Gundry-White  
Senior Landman

Enclosures

1099 18TH STREET  
SUITE 2300  
DENVER, CO 80202  
P 303 293 9100  
F 303 291 0420



June 2, 2009

State of Utah  
School and Institutional Trust Lands Administration  
675 East 500 South, Suite 500  
Salt Lake City, UT 84102

Certified Mail 7008 1830 0000 5160 8447

RE: Sundry Notices  
Peters Point Unit Federal 15-27D-12-16  
SWSE 27 T12S R16E  
Carbon Co., UT

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SUITE 2300  
DENVER, CO 80202  
P 303.293.9100  
F 303.291.0420

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-08107
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP		<b>7. UNIT or CA AGREEMENT NAME:</b> PETERS POINT
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202		<b>8. WELL NAME and NUMBER:</b> PPU FED 15-27D-12-16
<b>4. LOCATION OF WELL FOOTAGES AT SURFACE:</b> 1063 FSL 0799 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE Section: 27 Township: 12.0S Range: 16.0E Meridian: S		<b>9. API NUMBER:</b> 43007314100000
<b>PHONE NUMBER:</b> 303 312-8128 Ext		<b>9. FIELD and POOL or WILDCAT:</b> PETER'S POINT
<b>COUNTY:</b> CARBON		<b>STATE:</b> UTAH

**11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER:
<input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:			
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:			
<input checked="" type="checkbox"/> <b>DRILLING REPORT</b> Report Date: 6/4/2009			

**12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.**  
 Completion activity, 5/29/09 - 6/4/09, no activity from 2/19 through 5/28

Accepted by the  
 Utah Division of  
 Oil, Gas and Mining  
**FOR RECORD ONLY**  
 June 09, 2009

<b>NAME (PLEASE PRINT)</b> Tracey Fallang	<b>PHONE NUMBER</b> 303 312-8134	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 6/9/2009	

**REPORT DATE: 5/29/2009**

FROM (TIME)	To (TIME)	HOURS	CODE	CATEGORY	COMMENT
06:00 AM	9:30 PM	15.50	LOCL	Lock Wellhead and Secure	Shut in
9:30 PM	10:30 PM	1.00	SRIG	Rig Up/Down	Rig Schlumberger and HES frac on well.
10:30 PM	12:00AM	1.50	PTST	Pressure Test	Pressure test ring gasket under goat head leaking. try to tighten no seal. change out gasket. Pressure test to 8000 psi good. bleed off
12:00AM	06:00 AM	6.00	LOCL	Lock Wellhead and Secure	SIFN

**REPORT DATE: 5/30/2009**

FROM (TIME)	To (TIME)	HOURS	CODE	CATEGORY	COMMENT
06:00 AM	12:00 PM	6.00	LOCL	Lock Wellhead and Secure	Shut in
12:00 PM	1:30 PM	1.50	PFRT	Perforating	Schlumberger EL stage 1 Dark Canyon. PU 30 ft. perf guns. RIH correlate to short jt. run to perf depth perforate @ 7110-7130 and 7092-7102. 1 JSPF, 180 phasing. .560 holes. POOH turn well over to frac
1:30 PM	3:06 PM	1.60	FRAC	Frac. Job	HES frac stage 1 Dark Canyon 70Q foam frac. Praxair CO2 booster would not start had to change over to Linde before starting frac. Load and Break @ 4117 PSI @ 13.3 BPM. Avg. Wellhead Rate: 35.2 BPM. Avg. Slurry Rate: 13.9 BPM. Avg. CO2 Rate: 20.15 BPM. Avg. Pressure: 7,228 PSI. Max. Wellhead Rate: 38,2 BPM. Max. Slurry Rate: 15.3 BPM. Max. CO2 Rate: 25.1 BPM. Max. Pressure: 7,794 PSI. Total Fluid Pumped: 25,252 Gal. Total Sand in Formation : 87,400 lb. (20/40 White ) Linde CO2 Downhole: 160 tons. CO2 Cooldown: 10 tons. ISIP: 4,057 PSI. Frac Gradient: 1.01psi/ft. Had to extend the 3# sand stage and cut it before 4# stage due to high pressure. Placed 874 sacks in formation (66%)

					Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal fluid cap.
3:06 PM	4:18 PM	1.20	PFRT	Perforating	Schlumberger EI stage 2 Dark Canyon. PU HES CFP with 30 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @ 7040 ft. PU pressure up CSG. Perforate @ 6963-6973, 6948-6958 and 6918-6928, 1JSPF, 180 phasing, .560 holes. POOH turn well to frac.
4:18 PM	5:36 PM	1.30	FRAC	Frac. Job	HES frac stage 2 Dark Canyon 70Q foam frac. Load and Break @ 3110 PSI @ 15.6 BPM. Avg. Wellhead Rate: 37.6 BPM. Avg. Slurry Rate: 15.2 BPM. Avg. Co2 Rate: 21.1 BPM. Avg. Pressure: 6,724 PSI. Max. Wellhead Rate: 41,88 BPM. Max. Slurry Rate: 20.1 BPM. Max. CO2 Rate: 26.3 BPM. Max. Pressure: 7,610 PSI. Total Fluid Pumped: 27,254Gal. Total Sand In Formation.139,900 lb. (20/40 White ) Praxair CO2 Downhole: 175 tons. CO2 Cooldown: 5 tons. ISIP: 3,476 PSI. Frac Gradient: 0.94 psi/ft. Broke sand screew in 2# sand stage. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap.
5:36 PM	6:36 PM	1.00	PFRT	Perforating	Schlumberger EL stage 3 North Horn PU HES CFP with 10 ft. perf guns. RIH correlate to short jt. run to setting depth set CFP @ 6840 ft. PU pressure up CSG. Perforate @ 6783-6793 3 JSPF, 120 phasing, .340 holes. POOH turn well over to frac.
6:36 PM	8:06 PM	1.50	FRAC	Frac. Job	HES frac stage 3 North Horn 70Q foam frac. Load and Break @ 3612 PSI @ 16 BPM. Avg. Wellhead Rate: 28.8 BPM. Avg. Slurry Rate: 13.9 BPM. Avg. Co2 Rate: 13.6 BPM. Avg. Pressure: 5350 PSI. Max. Wellhead Rate: 30.5 BPM. Max. Slurry rate: 16.6 BPM. Max. Co2 Rate: 18.3 BPM. Max. Pressure: 5852 PSI. Total Fluid Pumped: 21,988 Gal. Total Sand in Formation: 78,200 lb.(20/40 White ) Linde CO2 Downhole: 101 tons. CO2 Cooldown: 6 tons. ISIP: 3,959 PSI. Frac Gradient: 1.02 psi/ft. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap.
8:06 PM	9:12 PM	1.10	PFRT	Perforating	Schlumberger EL stage 4 North Horn. PU HES CFP with 10 ft. perf gun. RIH correlate to short jt. run to setting depth set CFP @ 6620 ft. PU pressure up CSG. Perforate @ 6513-6523, 3 JSPF, 120 phasing, .340 holes. POOH turn well over to frac.
9:12 PM	10:24 PM	1.20	FRAC	Frac. Job	HES Frac stage 4 North Horn 60Q foam frac. Load and Break @ 6694 PSI. @15 BPM. Avg. Wellhead Rate: 23.7 BPM. Avg. Slurry Rate: 11.7

					BPM. Avg. CO2 Rate: 11.1 BPM. Avg. Pressure: 5,519 PSI. Max. Wellhead Rate: 25.7 BPM. Max. Slurry Rate: 13.9 BPM. Max. CO2 Rate: 15.4 BPM. Max. Pressure: 6,384 PSI. Total Fluid Pumped: 17,595 Gal. Total Sand in Formation: 56,200 lb. (20/40 White ) Linde CO2 Downhole: 74 tons. CO2 Cooldown: 5 tons. ISIP: 4,000 PSI. Frac Gradient: 1.05 psi/ft. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap.
10:24 PM	06:00 AM	7.60	LOCL	Lock Wellhead and Secure	SIFN

**REPORT DATE: 5/31/2009**

FROM (TIME)	To (TIME)	HOURS	CODE	CATEGORY	COMMENT
06:00 AM	12:00 PM	6.00	LOCL	Lock Wellhead and Secure	Shut in
12:00 PM	4:06 PM	4.10	PFRT	Perforating	Schlumberger EL stage 5 North H. PU HES CFP with perf guns RIH correlate to short jt. run to setting depth. Composite frac plug did not set. made three attempts to set. POOH. Wet switch. made repair, RIH correlate to short jt. run to setting depth set CFP @ 6370 ft. PU to perf depth guns would not shoot. POOH. repair gun broke wire. RIH correlate to short jt. run to perf depth Perforate @ 6250-6260, 3 jspf, 120 phasing, .340 holes. 36" pen. POOH turn well over to frac.
4:06 PM	5:00 PM	0.90	FRAC	Frac. Job	HES frac stage 5 North Horn 60Q foam frac. Load and Break @ 4227 PSI @ 18 BPM. Avg. Wellhead Rate: 28.29 BPM. Avg. Slurry Rate: 13.94 BPM. Avg. Co2 Rate: 13.22 BPM. Avg. Pressure: 6223 PSI. Max. Wellhead Rate: 30.35 BPM. Max. Slurry Rate: 16.66 BPM. Max. CO2 Rate: 20.07 BPM. Max. Pressure: 6,997 PSI. Total Fluid Pumped: 22,262 Gal. Total Sand in Formation: 76,000 lb. (20/40 White) Linde CO2 Downhole: 96 tons. CO2 Cooldown: 5 tons. ISIP: 3,794 PSI. Frac Gradient: 1.04 psi/ft. Successfully flushed wellbore with 50Q foam 50 bbl

					overflush with 500 gal. fluid cap.
5:00 PM	6:18 PM	1.30	PFRT	Perforating	Schlumberger. EL stage 6 North Horn. PU HES CFP with 7 ft. perf gunsRIH correlate to short jt. run to setting depth set CFP @ 5550 ft. PU pressure up CSG. Perforate @ 5429-5436 3 jspf. 120 phasing. .340 holes 36" pen POOH turn well over to frac.
6:18 PM	7:00 PM	0.70	FRAC	Frac. Job	HES frac stage 6 North Horn 60Q foam frac. Load and Break @ 3,733 PSI @ 15 BPM. Avg. Wellhead Rate: 16.6 BPM. Avg. Slurry Rate:8.44 BPM. Avg. CO2 Rate:7.4 BPM. Avg. Pressure: 3,837 PSI. Max. Wellhead Rate: 18.38 BPM. Max. Slurry Rate: 10.06 BPM. Max. CO2 Rate:11.07 BPM. Max. Pressure: 4,156 PSI. Total Fluid Pumped: 8,571 Gal. Total Sand in Formation: 20,000 lb.(20/40 White ) Linde CO2 Downhole: 32 tons. CO2 Cooldown:5 tons. ISIP: 3,121 PSI. Frac Gradient: 1.01 psi/ft. Successfully flushed wellbore with 50Q foam 50 bbl over flush with 500 gal. fluid cap.
7:00 PM	11:12 PM	4.20	PFRT	Perforating	Schlumberger EL stage 7 M. Wasatch PU HES CFP with 10 ft perf guns. RIH correlate to short jt. run to setting depth set CFP @ 5330 ft. PU pressure up CSG. Perf gun did not fire. POOH. Had trouble finding short. short between cable head and CCL. made repair. RIH correlate to short jt. run to perf depth Perforate @ 5217-5221 and 5189-5195, 3jspf, 120 phasing, .340 holes. 36" pen. POOH turn well over to frac.
11:12 PM	12:00AM	0.80	FRAC	Frac. Job	HES frac stage 7 Middle Wasatch 60Q foam frac. Load and break @ 3,187 PSI @ 14.7 BPM. avg. Wellhead Rate: 20.54 BPM. Avg. Slurry Rate:11.2 BPM. Avg. CO2 Rate: 12.78 BPM. Avg. Pressure: 3,733 PSI. Max. Wellhead Rate:19.56 BPM. Max. Slurry Rate:9.6 BPM. Max. CO2 Rate: 8.9 BPM. Max. Pressure: 3,462 PSI. Total Fluid Pumped:14,617 Gal. Total Sand in Formation:56,000 lb (20/40 White ) Linde CO2 Downhole: 68 tons. CO2 Cooldown:6 tons. ISIP:2,930 PSI. Frac Gradient:1.00 psi/ft. Successfully flushed wellbore with 50Q foam 10 bbl over flush with 500 gal. fluid cap.
12:00AM	12:12AM	0.20	LOCL	Lock Wellhead and	SI to rig off well

				Secure	
12:12AM	01:12 AM	1.00	SRIG	Rig Up/Down	Rig HES frac and Schlumberger off frac tree. move to 11-27D
01:12 AM	06:00 AM	4.80	FBCK	Flowback Well	Flow stages 1-7 through Opsco flow equipment.

**REPORT DATE: 6/1/2009**

FROM (TIME)	To (TIME)	HOURS	CODE	CATEGORY	COMMENT
06:00 AM	12:00 PM	6.00	FBCK	Flowback Well	Flow stages 1-7 through Opsco flow equipment. FCP: 725 psi On 42/64 ck. recovered 413 bbl in 11 hours . Avg. of 37.5 BPH. CO2 40%. gas rate 2.386 MMCFD
12:00 PM	06:00 AM	18.00	FBCK	Flowback Well	flow stages 1-7 clean up for production sales.flare gas @ 5PM CO2 40%

**REPORT DATE: 6/02/2009**

FROM (TIME)	To (TIME)	HOURS	CODE	CATEGORY	COMMENT
06:00 AM	12:00 PM	6.00	FBCK	Flowback Well	Flow back stages 1-7 through Opsco flow equipment. FCP: 500 psi on 42/64 ck. recovered 301 bbl in 24 hours. avg. of 12.54 BPH. CO2: 31% Gas rate of 1.765 MMCFD. trace of oil
12:00 PM	11:00 PM	11.00	FBCK	Flowback Well	flow back stages 1-7
11:00 PM	06:00 AM	7.00	FBCK	Flowback Well	Turn casing gas to sales. 1.5 MMCFD. CO2 18%

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**CONFIDENTIAL**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0127  
Expires: July 31, 2010

**COPY**

**SUNDRY NOTICES AND REPORTS ON WELLS**

**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.  
UTU-08107

6. If Indian, Allottee or Tribe Name  
N/A

**SUBMIT IN TRIPLICATE** – Other instructions on page 2.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
Bill Barrett Corporation

3a. Address  
1099 18th Street, Suite 2300  
Denver, CO 80202

3b. Phone No. (include area code)  
303-312-8134

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
SESE, 1063' FSL, 799' FEL  
Sec. 27, T12S-R16E

7. If Unit of CA/Agreement, Name and/or No.  
Peter's Point/UTU-63014

8. Well Name and No.  
Peter's Point Unit Federal 15-27D-12-16

9. API Well No.  
43-007-31410

10. Field and Pool or Exploratory Area  
Peter's Point/Wasatch-Mesaverde

11. Country or Parish, State  
Carbon County, UT

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Weekly Activity</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>Report</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Completion activity report from 6/5/09 through 6/26/2009.

**RECEIVED**

**JUL 02 2009**

**DIV. OF OIL, GAS & MINING**

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)  
Tracey Fallang

Title Regulatory Analyst

Signature

*Tracey Fallang*

Date 06/30/2009

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

## COMPLETIONS SUMMARY

### LOCATION INFORMATION

Field West  
: Tavaputs

Well Name Peter's Point #15-27D-12-  
: 16

#### API/LICENSE #

43007314100000

#### SURFACE LEGAL LOCATION

SESE-27-12S-  
16E-W26M

### REPORT INFORMATION

Report # : 20

Report Date : 06/14/2009

### OPERATIONS

A.M. Ops :

Ops Forecast : Continue well to sales

24hr. Summary : Rig up coil unit and drill out CFP

Well Status :

FROM (TIME)	TO (TIME)	HOURS	CODE	CATEGORY	COMMENT
06:00 AM	12:00 PM	6.00	WTST	Well Test	

**TOTAL HOURS : 24.00**

### REPORT INFORMATION

Report # : 21

Report Date : 06/15/2009

### OPERATIONS

A.M. Ops :

Ops Forecast : Well to sales

24hr. Summary : Continue Cleanout To Bottom

Well Status :

FROM (TIME)	TO (TIME)	HOURS	CODE	CATEGORY	COMMENT
06:00 AM	1:30 PM	7.50	CTU	Clean Out	Continue clean out drilling on Plug #2 @ 5,550' and Continue Drill out to 7669' (46' from shoe and 539' from bottom perf) Pump sweep and POOH Continue flow well through Opsco equip.
1:30 PM	2:30 PM	1.00	FBCK	Flowback Well	R/D Coil tubing unit Continue flow through Opsco equip. Untill well cleans up
2:30 PM	06:00 AM	15.50	WTST	Well Test	Well down sales

**TOTAL HOURS : 24.00**

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**JUL 02 2009**

**DIV. OF OIL, GAS & MINING**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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FORM APPROVED  
OMB NO. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT

5. Lease Serial No.

UTU-08107

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other  
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resrv.,  
Other: \_\_\_\_\_

6. If Indian, Allottee or Tribe Name  
N/A7. Unit or CA Agreement Name and No.  
Peter's Point / UTU-630148. Lease Name and Well No.  
Peter's Point Unit Federal 15-27D-12-162. Name of Operator  
Bill Barrett Corporation3. Address 1099 18th Street, Suite 2300  
Denver, CO 802023a. Phone No. (include area code)  
303-312-81349. AFI Well No.  
43-007-31410

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface SESE, 1063' FSL, 799' FEL

At top prod. interval reported below SWSE, 670' FSL, 1893' FEL, Sec. 27

At total depth SWSE, 595' FSL, 1943' FEL, Sec. 27

10. Field and Pool or Exploratory  
Peter's Point/Wasatch-Mesaverde11. Sec., T., R., M., on Block and  
Survey or Area  
Sec. 27, T12S-R16E12. County or Parish  
Carbon County13. State  
UT14. Date Spudded  
10/31/200815. Date T.D. Reached  
12/05/200816. Date Completed 05/30/2009  
☐ D & A ☒ Ready to Prod.17. Elevations (DF, RKB, RT, GL)\*  
7213' RKB18. Total Depth: MD 7737'  
TVD 7515'19. Plug Back T.D.: MD 7672'  
TVD 7450'20. Depth Bridge Plug Set: MD N/A  
TVD

21. Type Electric &amp; Other Mechanical Logs Run (Submit copy of each)

Halliburton Triple Combo and Radial Sector Bond Log; Mudlog, SD, DSN

22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit report)  
Directional Survey? ☐ No ☒ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
20"	16" H40	65#	0	40'		grout cement		Surface	
12 1/4"	9 5/8" J-55	36#	0	1045'		450 Prem	92 bbls	Surface	0 lbs
8 3/4"	4 1/2" I-100	11.6#	0	7716'		1640 50/50 Poz	432 bbls	1600'	15,000 lbs

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Mesaverde	6918'	7130'	7092' - 7130'	0.56"	30	Open
B) Wasatch	5189'	6793'	6918' - 6973'	0.56"	30	Open
C)			6783' - 6793'	0.34"	30	Open
D)			6513' - 6523'	0.34"	30	Open

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
7092' - 7130'	Stage 1: 70% CO2 foam frac: 160 tons CO2; 601 bbls fluid; 87,400# 20/40 White sand
6918' - 6973'	Stage 2: 70% CO2 foam frac: 175 tons CO2; 649 bbls fluid; 139,900# 20/40 White sand
6783' - 6793'	Stage 3: 60% CO2 foam frac: 101 tons CO2; 524 bbls fluid; 78,200# 20/40 White sand
6513' - 6523'	Stage 4: 60% CO2 foam frac; 74 tons CO2; 419 bbls fluid; 56,200# 20/40 White sand

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
05/31/09	6/1/2009	12	→	1.7	1300	113			Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
42/64		530	→	3.4	2600	226		Producing	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

\*(See instructions and spaces for additional data on page 2)

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## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Solid, used for fuel, vented, etc.)  
Sold

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				Wasatch North Horn	3318' 5330'
				Dark Canyon Price River	6915' 7135'
				TD	7737'

## 32. Additional remarks (include plugging procedure):

Copies of logs previously submitted under separate cover. In the event log copies were not received, please contact Jim Kinser at 303-312-8163.

Tubing has not yet been landed in this well.

## 33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other:

## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Tracey Fallang

Title Regulatory Analyst

Signature

*Tracey Fallang*

Date 07/22/2009

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

(Form 3160-4, page 2)

**Peter's Point Unit Federal #15-27D-12-16 Report Continued**

26. PERFORATION RECORD (cont.)					27. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. (cont.)							
INTERVAL (Top/Bot-MD)		SIZE	NO. HOLES	PERFORATION STATUS	AMOUNT AND TYPE OF MATERIAL							
6250'	6260'	0.34"	30	Open	Stg 5	60% CO2 foam frac	96	tons CO2	530	bbls total fluid	76,000#	20/40 White Sand
5429'	5436'	0.34"	21	Open	Stg 6	60% CO2 foam frac	32	tons CO2	204	bbls total fluid	20,000#	20/40 White Sand
5189'	5221'	0.34"	30	Open	Stg 7	60% CO2 foam frac	68	tons CO2	348	bbls total fluid	56,000#	20/40 White Sand



# Directional Survey

Well Name: Peter's Point #15-27D-12-16

API/UWI 43007314100000	Surface Legal Location SESE-27-12S-16E-W26M	Field Name West Tavaputs	State/Province UT	Well Configuration Type
Ground Elevation (ft) 7,196.00	KB Elevation (ft) -7,179.00	Spud Date	Rig Release Date	

Wellbore Name Main Hole		Parent Wellbore		Kick Off Depth (ftKB)		Vertical Section Direction (°)					
Date		Definitive? No		Description Survey		Proposed? No					
MD Tie In (ftKB)		TVD Tie In (ftKB)		Inclination Tie In (°)		Azimuth Tie In (°)		NST Tie In (ft)		EWT Tie In (ft)	

## Survey Data

Date	MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Method	Survey Company
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		WEATHERFORD
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		WEATHERFORD
	100.00	0.25	270.19	100.00	0.20	0.00	-0.22	0.00		WEATHERFORD
	200.00	0.37	292.80	200.00	0.63	0.13	-0.73	0.00		WEATHERFORD
	300.00	0.43	292.06	300.00	1.13	0.39	-1.38	0.00		WEATHERFORD
	400.00	0.56	300.72	399.99	1.69	0.78	-2.15	0.00		WEATHERFORD
	500.00	0.54	297.00	499.99	2.29	1.25	-2.99	0.00		WEATHERFORD
	600.00	0.50	300.37	599.98	2.87	1.68	-3.78	0.00		WEATHERFORD
	700.00	0.53	290.84	699.98	3.47	2.07	-4.59	0.00		WEATHERFORD
	800.00	0.60	303.41	799.97	4.10	2.52	-5.46	0.00		WEATHERFORD
	900.00	0.55	320.24	899.97	4.54	3.18	-6.21	0.00		WEATHERFORD
	1,130.00	0.50	84.35	1,129.96	3.91	4.12	-5.91	0.00		WEATHERFORD
	1,226.00	1.37	17.61	1,225.94	2.78	5.26	-5.15	0.00		WEATHERFORD
	1,322.00	3.17	5.48	1,321.86	0.81	9.00	-4.55	0.00		WEATHERFORD
	1,418.00	4.41	353.40	1,417.64	-1.42	15.30	-4.72	0.00		WEATHERFORD
	1,514.00	6.71	341.38	1,513.17	-2.77	24.29	-6.93	0.00		WEATHERFORD
	1,610.00	8.92	322.71	1,608.26	-1.19	35.52	-13.23	0.00		WEATHERFORD
	1,706.00	10.09	311.69	1,702.94	4.44	47.04	-24.02	0.00		WEATHERFORD
	1,802.00	10.89	297.31	1,797.33	14.02	56.79	-38.36	0.00		WEATHERFORD
	1,899.00	12.44	286.77	1,892.32	28.09	64.01	-56.50	0.00		WEATHERFORD
	1,995.00	14.38	276.64	1,985.69	46.56	68.37	-78.25	0.00		WEATHERFORD
	2,091.00	15.83	265.65	2,078.36	69.46	68.75	-103.14	0.00		WEATHERFORD
	2,187.00	17.13	255.51	2,170.41	95.93	64.22	-129.89	0.00		WEATHERFORD
	2,283.00	17.31	244.39	2,262.11	124.20	54.51	-156.45	0.00		WEATHERFORD
	2,380.00	19.31	243.39	2,354.19	154.59	41.09	-183.81	0.00		WEATHERFORD
	2,476.00	21.55	241.41	2,444.13	187.94	25.55	-213.48	0.00		WEATHERFORD
	2,573.00	23.38	242.39	2,533.76	224.81	8.10	-246.18	0.00		WEATHERFORD
	2,669.00	23.63	241.64	2,621.79	262.90	-9.87	-279.99	0.00		WEATHERFORD
	2,765.00	23.19	238.89	2,709.89	300.71	-28.77	-313.10	0.00		WEATHERFORD
	2,861.00	23.00	242.64	2,798.20	338.06	-47.16	-345.94	0.00		WEATHERFORD
	2,958.00	22.79	247.23	2,887.55	375.72	-63.14	-380.09	0.00		WEATHERFORD
	3,053.00	22.56	246.39	2,975.21	412.34	-77.56	-413.76	0.00		WEATHERFORD
	3,150.00	22.13	245.64	3,064.93	449.20	-92.55	-447.45	0.00		WEATHERFORD
	3,246.00	22.26	246.93	3,153.81	485.45	-107.13	-480.65	0.00		WEATHERFORD
	3,342.00	22.19	245.39	3,242.68	521.74	-121.80	-513.86	0.00		WEATHERFORD
	3,438.00	23.75	246.14	3,331.06	559.18	-137.17	-548.02	0.00		WEATHERFORD
	3,534.00	22.88	245.77	3,419.22	597.16	-152.65	-582.72	0.00		WEATHERFORD
	3,630.00	23.19	245.77	3,507.56	634.70	-168.07	-616.97	0.00		WEATHERFORD
	3,726.00	23.88	245.02	3,595.58	673.00	-184.03	-651.83	0.00		WEATHERFORD
	3,821.00	22.56	243.89	3,682.88	710.39	-200.17	-685.62	0.00		WEATHERFORD
	3,917.00	22.96	244.93	3,771.40	747.46	-216.21	-719.12	0.00		WEATHERFORD
	4,014.00	25.06	246.14	3,859.99	786.89	-232.54	-755.04	0.00		WEATHERFORD
	4,110.00	24.81	246.39	3,947.04	827.35	-248.83	-792.09	0.00		WEATHERFORD
	4,204.00	24.63	245.77	4,032.43	866.64	-264.76	-828.02	0.00		WEATHERFORD
	4,300.00	24.50	245.14	4,119.74	906.52	-281.34	-864.32	0.00		WEATHERFORD
	4,396.00	23.75	246.02	4,207.35	945.72	-297.57	-900.05	0.00		WEATHERFORD
	4,492.00	21.63	244.27	4,295.91	982.71	-313.11	-933.65	0.00		WEATHERFORD
	4,588.00	20.16	245.35	4,385.59	1,016.90	-327.69	-964.62	0.00		WEATHERFORD
	4,685.00	18.00	244.02	4,477.24	1,048.55	-341.22	-993.29	0.00		WEATHERFORD
	4,781.00	15.31	243.02	4,569.19	1,075.98	-353.47	-1,017.92	0.00		WEATHERFORD
	4,877.00	14.56	241.52	4,661.95	1,100.61	-364.97	-1,039.82	0.00		WEATHERFORD
	4,974.00	12.38	242.02	4,756.26	1,123.08	-375.67	-1,059.72	0.00		WEATHERFORD
	5,070.00	11.69	241.77	4,850.15	1,142.99	-385.10	-1,077.38	0.00		WEATHERFORD
	5,166.00	10.13	244.14	4,944.40	1,161.08	-393.38	-1,093.54	0.00		WEATHERFORD

**Well Name: Peter's Point #15-27D-12-16**

API/UWI 43007314100000	Surface Legal Location SESE-27-12S-16E-W26M	Field Name West Tavaputs	State/Province UT	Well Configuration Type
Ground Elevation (ft) 7,196.00	KB Elevation (ft) -7,179.00	Spud Date	Rig Release Date	

**Survey Data**

Date	MD (ftKB)	Incl (°)	Azm (°)	TVD (ftKB)	VS (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Method	Survey Company
	5,262.00	9.06	236.14	5,039.06	1,176.91	-401.27	-1,107.42	0.00		WEATHERFORD
	5,357.00	7.01	237.56	5,133.11	1,189.95	-408.55	-1,118.52	0.00		WEATHERFORD
	5,453.00	5.19	229.14	5,228.55	1,199.83	-414.53	-1,126.75	0.00		WEATHERFORD
	5,550.00	3.50	233.89	5,325.26	1,206.86	-419.15	-1,132.46	0.00		WEATHERFORD
	5,646.00	2.06	231.39	5,421.14	1,211.36	-421.95	-1,136.17	0.00		WEATHERFORD
	5,741.00	1.75	210.02	5,516.09	1,214.14	-424.27	-1,138.23	0.00		WEATHERFORD
	5,838.00	2.13	202.89	5,613.04	1,216.59	-427.21	-1,139.68	0.00		WEATHERFORD
	5,934.00	2.10	200.13	5,708.97	1,219.04	-430.51	-1,140.97	0.00		WEATHERFORD
	6,030.00	2.00	191.77	5,804.91	1,221.16	-433.80	-1,141.92	0.00		WEATHERFORD
	6,125.00	1.94	202.26	5,899.85	1,223.22	-436.91	-1,142.87	0.00		WEATHERFORD
	6,221.00	2.50	189.39	5,995.78	1,225.45	-440.48	-1,143.83	0.00		WEATHERFORD
	6,317.00	2.31	191.39	6,091.69	1,227.62	-444.44	-1,144.55	0.00		WEATHERFORD
	6,414.00	2.33	188.36	6,188.61	1,229.71	-448.31	-1,145.22	0.00		WEATHERFORD
	6,510.00	2.31	184.77	6,284.54	1,231.58	-452.17	-1,145.67	0.00		WEATHERFORD
	6,606.00	2.31	179.00	6,380.46	1,233.16	-456.03	-1,145.79	0.00		WEATHERFORD
	6,702.00	2.19	175.52	6,476.38	1,234.42	-459.80	-1,145.62	0.00		WEATHERFORD
	6,798.00	2.44	174.64	6,572.31	1,235.57	-463.66	-1,145.28	0.00		WEATHERFORD
	6,894.00	2.63	163.77	6,668.21	1,236.39	-467.81	-1,144.48	0.00		WEATHERFORD

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-08107
<b>1. TYPE OF WELL</b> Gas Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> BILL BARRETT CORP		<b>7. UNIT or CA AGREEMENT NAME:</b> PETERS POINT
<b>3. ADDRESS OF OPERATOR:</b> 1099 18th Street Ste 2300 , Denver, CO, 80202		<b>8. WELL NAME and NUMBER:</b> PPU FED 15-27D-12-16
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1063 FSL 0799 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SESE Section: 27 Township: 12.0S Range: 16.0E Meridian: S		<b>9. API NUMBER:</b> 43007314100000
<b>PHONE NUMBER:</b> 303 312-8128 Ext		<b>9. FIELD and POOL or WILDCAT:</b> PETER'S POINT
<b>COUNTY:</b> CARBON		<b>STATE:</b> UTAH
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start:	<input type="checkbox"/> <b>ACIDIZE</b>	
<input checked="" type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion: 7/18/2009	<input type="checkbox"/> <b>ALTER CASING</b>	
<input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:	<input type="checkbox"/> <b>CASING REPAIR</b>	
<input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input type="checkbox"/> <b>CHANGE TO PREVIOUS PLANS</b>	
	<input type="checkbox"/> <b>CHANGE TUBING</b>	
	<input type="checkbox"/> <b>CHANGE WELL STATUS</b>	
	<input type="checkbox"/> <b>COMMINGLE PRODUCING FORMATIONS</b>	
	<input type="checkbox"/> <b>DEEPEN</b>	
	<input type="checkbox"/> <b>FRACTURE TREAT</b>	
	<input type="checkbox"/> <b>NEW CONSTRUCTION</b>	
	<input type="checkbox"/> <b>OPERATOR CHANGE</b>	
	<input type="checkbox"/> <b>PLUG AND ABANDON</b>	
	<input type="checkbox"/> <b>PLUG BACK</b>	
	<input type="checkbox"/> <b>PRODUCTION START OR RESUME</b>	
	<input type="checkbox"/> <b>RECLAMATION OF WELL SITE</b>	
	<input type="checkbox"/> <b>RECOMPLETE DIFFERENT FORMATION</b>	
	<input type="checkbox"/> <b>REPERFORATE CURRENT FORMATION</b>	
	<input type="checkbox"/> <b>SIDETRACK TO REPAIR WELL</b>	
	<input type="checkbox"/> <b>TEMPORARY ABANDON</b>	
	<input type="checkbox"/> <b>TUBING REPAIR</b>	
	<input type="checkbox"/> <b>VENT OR FLARE</b>	
	<input type="checkbox"/> <b>WATER DISPOSAL</b>	
	<input type="checkbox"/> <b>WATER SHUTOFF</b>	
	<input type="checkbox"/> <b>SI TA STATUS EXTENSION</b>	
	<input type="checkbox"/> <b>APD EXTENSION</b>	
	<input type="checkbox"/> <b>WILDCAT WELL DETERMINATION</b>	
	<input checked="" type="checkbox"/> <b>OTHER</b>	
	OTHER: <input type="text" value="Tubing Landed"/>	
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> 2 3/8" tubing was landed in this well at 7129'.		
Accepted by the Utah Division of Oil, Gas and Mining <b>FOR RECORD ONLY</b> August 03, 2009		
<b>NAME (PLEASE PRINT)</b> Tracey Fallang	<b>PHONE NUMBER</b> 303 312-8134	<b>TITLE</b> Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 7/31/2009	

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE – Other instructions on page 2.**

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other

2. Name of Operator  
Bill Barrett Corporation

3a. Address  
1099 18th Street, Suite 2300, Denver, CO 80202

3b. Phone No. (include area code)  
303-312-8134

7. If Unit of CA/Agreement, Name and/or No.  
Prickly Pear Unit/UTU-79487

8. Well Name and No.  
See Attached

9. API Well No.

10. Field and Pool or Exploratory Area

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

11. Country or Parish, State  
Carbon County, UT

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Off-lease Water
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Treatment of Prickly
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	Pear Unit Water

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Bill Barrett Corporation (BBC) is submitting this sundry in accordance with Onshore Order No. 7, III.B.2.b, Disposal of Produced Water on State or Privately Owned Lands. BBC will be taking produced water and flowback water from federal and state leases (a map and list of these wells is attached) within the Prickly Pear unit, hauling it to a temporary, "pilot" water treatment facility on SITLA lands in Sec. 16, T12S-R15E where it will be treated and reused for completion operations for approximately 16 state wells. This water treatment and recycling process will be in operation from January through July of 2010 and if successful, there is the potential of this being a permanent facility.

BBC has attached the SITLA submittal information for your records.

If you have further questions, please contact me at 303-312-8134.

**COPY**

COA: Once received, please provide a copy of SITLA's approval letter.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Tracey Fallang		Title Regulatory Analyst
Signature <i>Tracey Fallang</i>		Date 01/14/2010
<b>THIS SPACE FOR FEDERAL OR STATE OFFICE USE</b>		
Approved by <i>Manny Hendricks</i>	Petroleum Engineer	Date JAN 14 2010
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office <b>PRICE FIELD OFFICE</b>

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**UDOGM**

## **WEST TAVAPUTS PILOT WATER TREATMENT FACILITY NESW, SECTION 16, T12S-R15E**

This is being submitted as notification that Bill Barrett Corporation (BBC) will be setting a temporary "pilot" water treatment facility within existing disturbance (no surface-laid lines are proposed) at the Prickly Pear Unit State 11-16 location. This facility will test the ability for BBC to reuse and recycle Prickly Pear unit water for approximately 16 state wells in Section 16 which are to be completed in 2010. It would also reduce truck traffic through Harmon Canyon associated with water hauling by approximately 16 trucks per day. Wells on Prickly Pear mesa generate approximately 1000 barrels of water per day (BWPD) and each well completion will take approximately 1300 BWPD. Any additional water needed for completion will come from currently approved water sources. This pilot facility will be in operation from January through July of 2010 and if successful, BBC will discuss the potential of making the facility permanent.

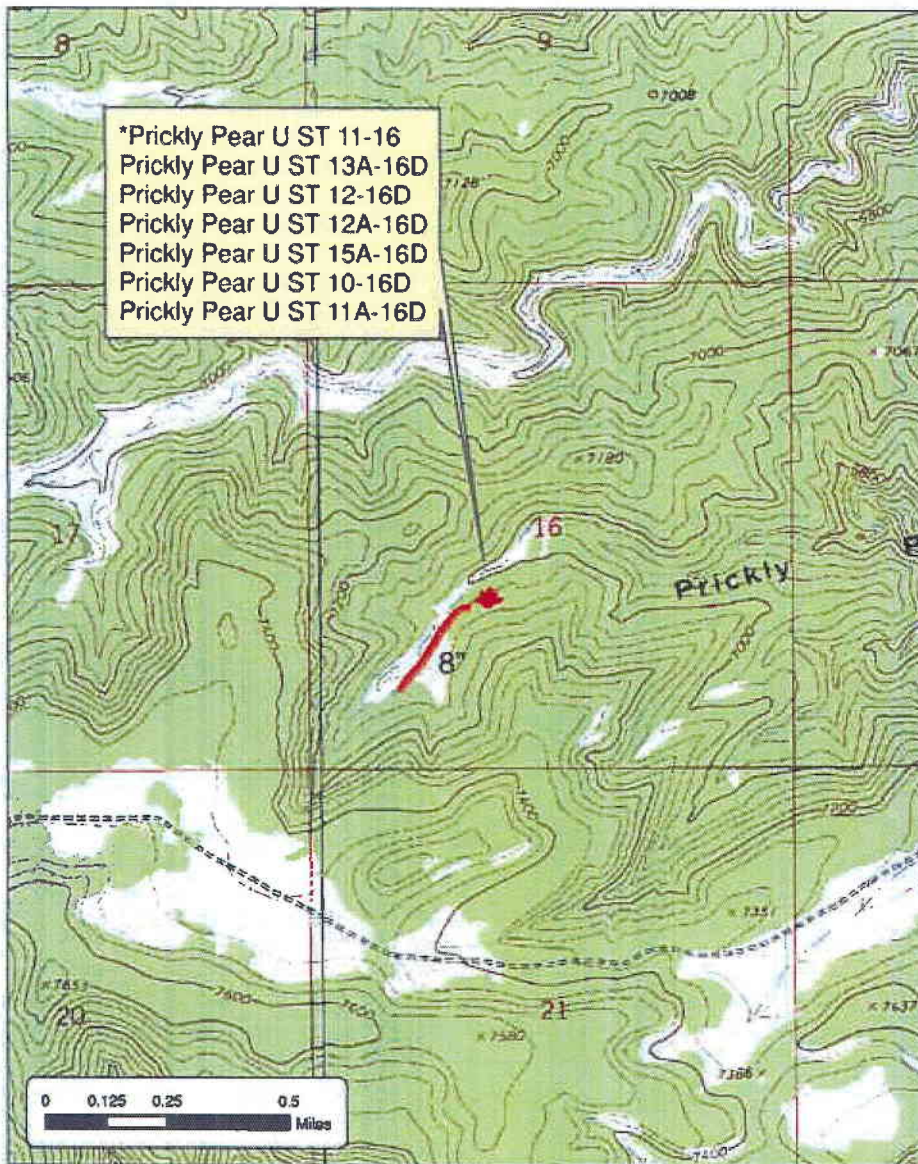
The process description is listed below and attachments to this proposal include proposed facility diagrams and maps and spreadsheets which indicate Prickly Pear wells involved with the water treatment process.

### **PROCESS DESCRIPTION**

BBC will use an electro-coagulation (EC) process which transmits an electrical current through the water between iron plates. Iron hydroxyl-oxide (IHO) is formed by the electrical current in the form of a floc which then adsorbs compounds in the water. Compounds bound to the IHO create larger floc/solids known as hematite. The hematite is then skimmed off and placed into a tank to be hauled off of to a state approved disposal facility and a pH buffer is added to the water to lower the pH for re-use.

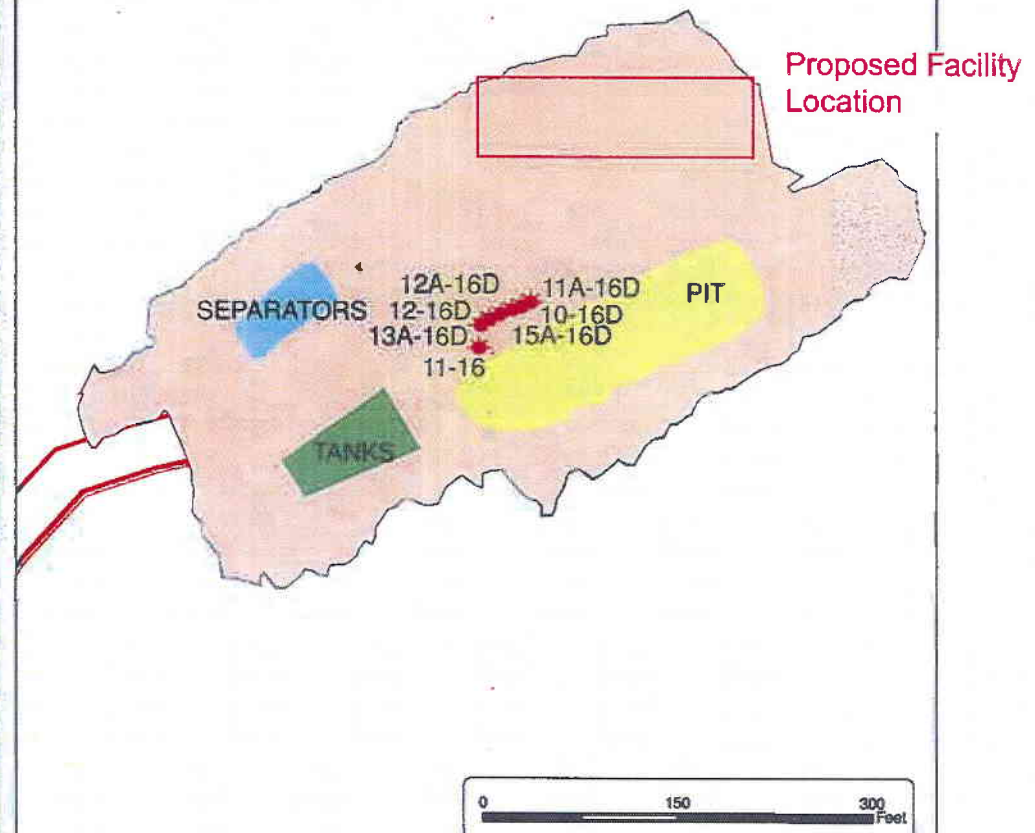
The EC system will treat approximately 1000-1200 BWPD (including flow-back water) and will be stored in clean tanks adjacent to the system. There will be ten 450-bbl holding tanks (two inlet water and eight treated water), three 450-bbl weir (skim) tanks and the actual EC system. There will also be a small generator to power a pump on location to assist in keeping the water flowing through the system. The tank battery will be bermed and the berms will be constructed to contain at a minimum 120 percent of the storage capacity of the largest tank within the berm. Any load lines and valves will be placed inside the berm.

After completion operations have ceased within Section 16, water will once again be diverted back to BBC's permitted saltwater disposal well in Sec. 24, T12S-R14E or a request for a permanent facility may be filed.



STATE

Prickly Pear U ST 11-16 (1841' FSL & 1985' FWL)  
 Prickly Pear U ST 13A-16D (1859' FSL & 2016' FWL)  
 Prickly Pear U ST 12-16D (1864' FSL & 2023' FWL)  
 Prickly Pear U ST 12A-16D (1868' FSL & 2030' FWL)  
 Prickly Pear U ST 15A-16D (1872' FSL & 2037' FWL)  
 Prickly Pear U ST 10-16D (1877' FSL & 2043' FWL)  
 Prickly Pear U ST 11A-16D (1881' FSL & 2050' FWL)



\*Only those access and utility corridors constructed and/or applied for in this APD, are shown.

**LEGEND** — ROAD — PIPE SURFACE — PIPE BURIED \* WELL LOCATION \* SHUT IN WELL LOCATION ■ WELL DISTURBANCE ■ SEPARATORS ■ TANKS ■ PIT

**Environmental  
Industrial  
Services**  
 Environmental & Engineering Consulting

31 North Main Street  
 Helper, Utah 84526  
 (435) 472-3814  
 fax (435) 472-8780  
 eisec@preciscom.net

Total Road Length - 1176 ft  
 Ave. Road Disturbance Total Width - 38 ft  
 Ave. Road Disturbance Running Width - 30 ft  
 Total Road Disturbance - 1.0 Acres  
 Total Pipeline Length - 1153 ft  
 Total Pipeline Disturbance - 0 Acres  
 Total Pad Disturbance - 3.5 Acres



**As-Built**  
 Bill Barrett Corporation

NESW, Sec. 16, T12S, R15E, SLB&M  
 Carbon County, Utah

UWI/API	Well	Status
430071604500	1-GOVT PCKRL	GAS
430071654200	SC 1-STONE CABIN	GAS
430073001400	1-11-ST CAB-FED	GAS
430071501600	33-1A-CLAYBANK SPRIN	GAS
430073052200	16-15 (12S-15E)	GAS
430073001800	2-B-27-ST CAB FED	GAS
430071654200	SC 1-ST CAB UNIT	GAS
430073101800	36-06-12-15	GAS
430073082500	13-4 (12S-14E)	GAS
430073082800	21-2-12-15	GAS
430073082300	10-4-12-14	GAS
430073095400	7-25-12-15	GAS
430073093300	13-16-12-15	GAS
430073100800	5-13-12-14	GAS
430073094300	5-16-12-15	GAS
430073094500	7-16-12-15	GAS
430073094400	11-16-12-15	GAS
430073119300	15-18-12-15	GAS
430073098500	7-33D-12-15	GAS
430073128900	7-17D-12-15	GAS
430073086000	5-19-12-15	GAS
430073107300	13-23-12-15	GAS
430073119600	10-27-12-15	GAS
430073120600	1-20-12-15	GAS
430073118300	15-17-12-15	GAS
430073119800	7-20-12-15	GAS
430073116400	15-21-12-15	GAS
430073116600	13-21D-12-15	GAS
430073116500	7-28D-12-15	GAS
430073112100	3-28D-12-15	GAS
430073107500	3-26D-12-15	GAS
430073107400	1-27D-12-15	GAS
430073107600	15-22D-12-15	GAS
430073118700	3-22-12-15	GAS
430073118600	7-22D-12-15	GAS
430073118800	5-22D-12-15	GAS
430073135800	13-15D-12-15	GAS
430073119200	9-18D-12-15	GAS
430073118400	11-17D-12-15	GAS
430073119700	9-20D-12-15	GAS
430073119400	16-27D-12-15	GAS
430073119500	12-27D-12-15	GAS
430073118900	11-15D-12-15	GAS
430073125900	4-25D-12-15	GAS
430073126000	12-25D-12-15	GAS
430073128300	2-35-12-15	GAS
430073128500	4-35D-12-15	GAS
430073128400	10-26D-12-15	GAS
430073125700	11-18D-12-15	GAS
430073125800	11-20D-12-15	GAS
430073122600	2-36-12-15	GAS
430073122700	4-36-12-15	GAS
430073123800	13-22-12-15	GAS

UWI/API	Well	Status
430073123900	3-27D-12-15	GAS
430073123700	4-27D-12-15	GAS
430073124300	1-28-12-15	GAS
430073124200	5-27D-12-15	GAS
430073124400	8-28D-12-15	GAS
430073124100	9-28D-12-15	GAS
430073128700	9-17-12-15	GAS
430073129500	7-18D-12-15	GAS
430073129400	1-18D-12-15	GAS
430073124000	9-16-12-15	GAS
430073124500	1-16-12-15	GAS
430073136200	2-28D-12-15	GAS
430073139900	11-22D-12-15	GAS
430073136000	4-22D-12-15	GAS
430073140000	14-22D-12-15	GAS
430073139800	12-22D-12-15	GAS
430073136100	6-22D-12-15	GAS
430073141300	6-21D-12-15	GAS
430073141200	11-21D-12-15	GAS
430073141400	12-21D-12-15	GAS
430073142100	2-20D-12-15	GAS
430073141900	8-20D-12-15	GAS
430073135900	14-15D-12-15	GAS
430073145600	12-16D-12-15	GAS
430073139400	10-18D-12-15	GAS
430073128200	14-26D-12-15	GAS
430073128800	1-17D-12-15	GAS
430073129600	5-17D-12-15	GAS
430073131400	3-18D-12-15	GAS
430073131600	5-18D-12-15	GAS
430073131000	13-17D-12-15	GAS
430073130900	12-17D-12-15	GAS
430073131100	14-17D-12-15	GAS
430073131200	16-18D-12-15	GAS
430073132800	3-21D-12-15	GAS
430073131500	4-18-12-15	GAS
430073130800	8-17D-12-15	GAS
430073130700	10-17D-12-15	GAS
430073131300	8-18D-12-15	GAS
430073131700	6-18D-12-15	GAS
430073145900	10-16D-12-15	GAS
430073132100	16-17D-12-15	GAS
430073132400	14-16D-12-15	GAS
430073132900	4-21D-12-15	GAS
430073136400	5A-27D-12-15	GAS
430073136800	1A-28D-12-15	GAS
430073136300	16X-21D-12-15	GAS
430073140100	4A-27D-12-15	GAS
430073139300	14A-18D-12-15	GAS
430073139500	15A-18D-12-15	GAS
430073139600	16A-18D-12-15	GAS
430073145800	15A-16D-12-15	GAS
430073146100	13A-16D-12-15	GAS
430073146000	11A-16D-12-15	GAS

UWI/API	Well	Status
430073148000	5A-16D-12-15	LOC
430073148500	9A-16D-12-15	LOC
430073147900	4A-16D-12-15	LOC
430073148100	3A-16D-12-15	LOC
430073147700	6A-16D-12-15	LOC
430073148400	16A-16D-12-15	LOC
430073151600	13B-16D-12-15	LOC
430073095300	12-24-12-14	SWD
430073142200	7A-16D-12-15	WOC
430073142500	3-16D-12-15	WOC
430073145500	8-16D-12-15	WOC
430073142300	6-16D-12-15	WOC
430073132300	16-16D-12-15	WOC
430073142400	10A-16D-12-15	WOC
430073151500	14B-16D-12-15	WOC
430073132200	15-16D-12-15	WOC
430073147800	4-16D-12-15	WOC
430073151400	16B-16D-12-15	DRL

#### Status Legend

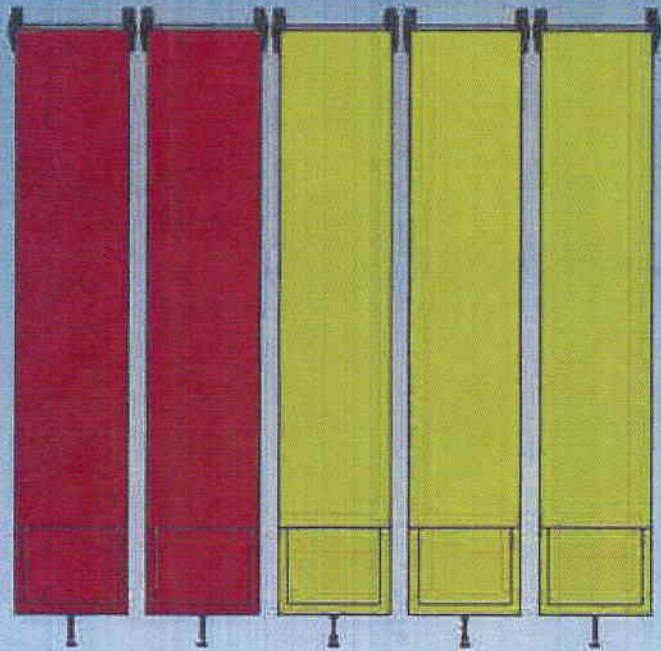
DRL	Currently Drilling
GAS	Currently Producing
LOC	2010 Location
SWD	Salt Water Disposal
WOC	Waiting on Completion

Yellow indicates state wells that will be completed in 2010 using treated Prickly Pear Unit water. Water could come from any of these wells to be used in treatment process and reused for state well completions.

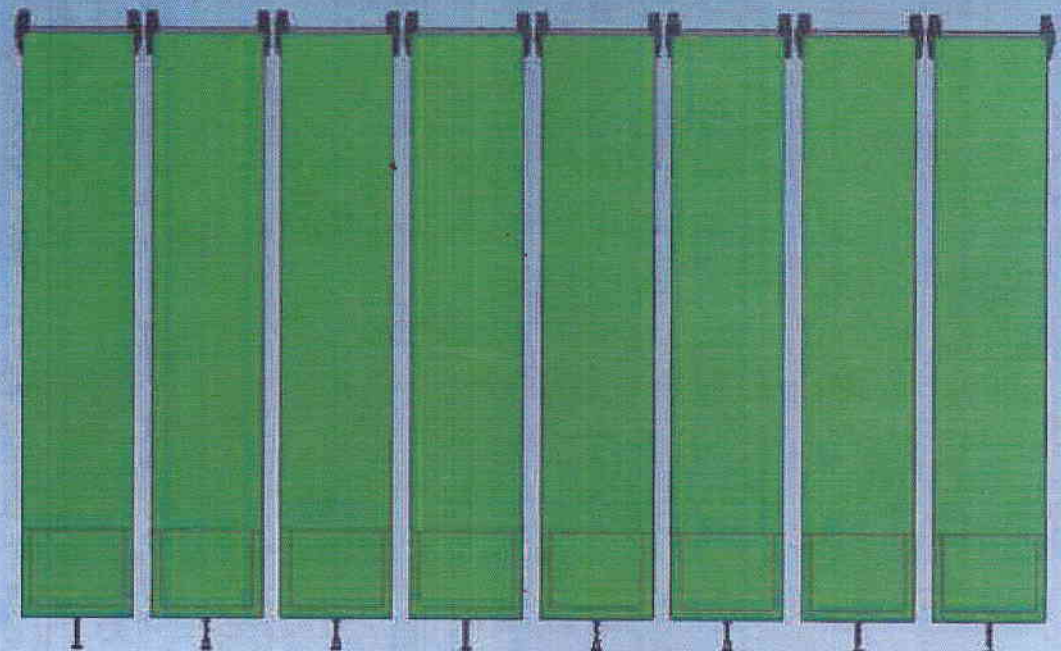
Inlet

Weir Tanks/Treatment

Treated Water



Pump



2010 STATE WELL COMPLETIONS



Bill Barrett Corporation

Uinta Basin

West Tavaputs

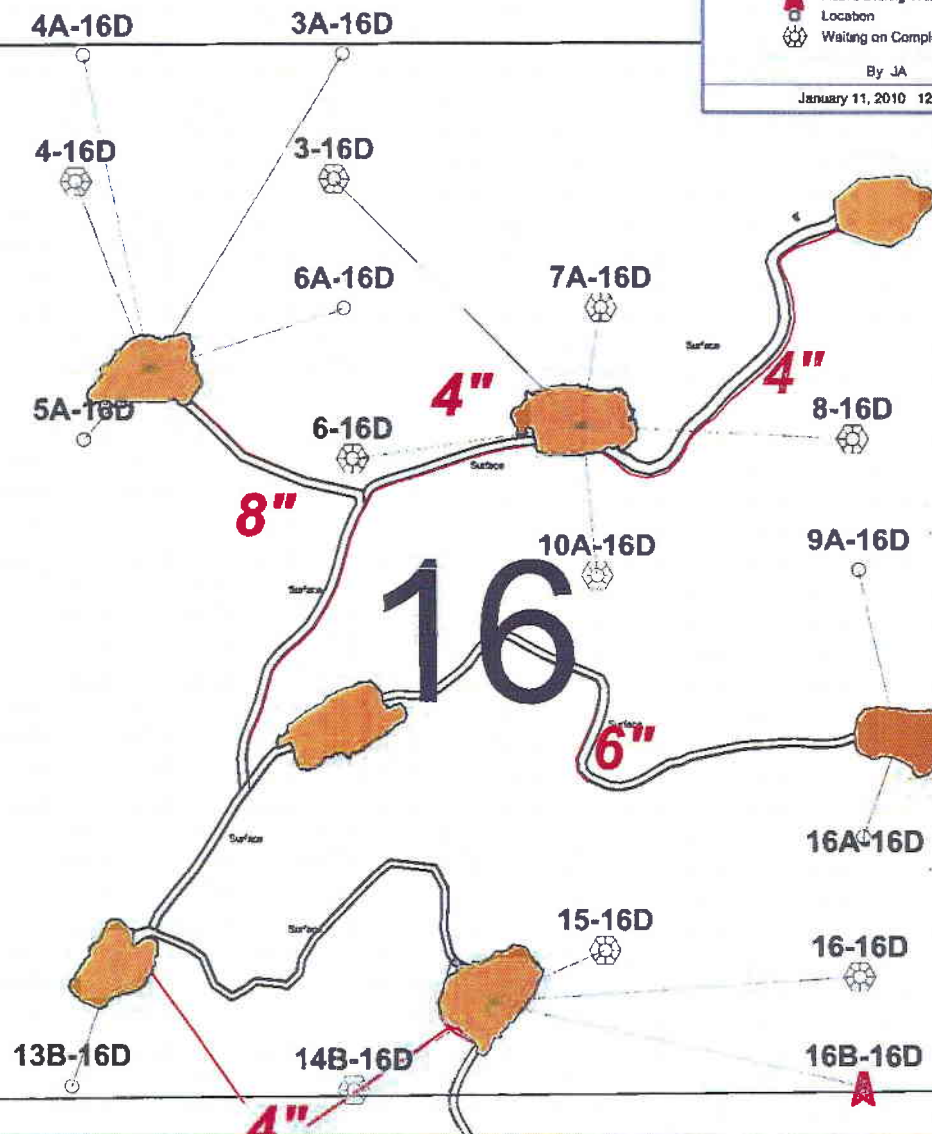
Prickly Pear Section 16

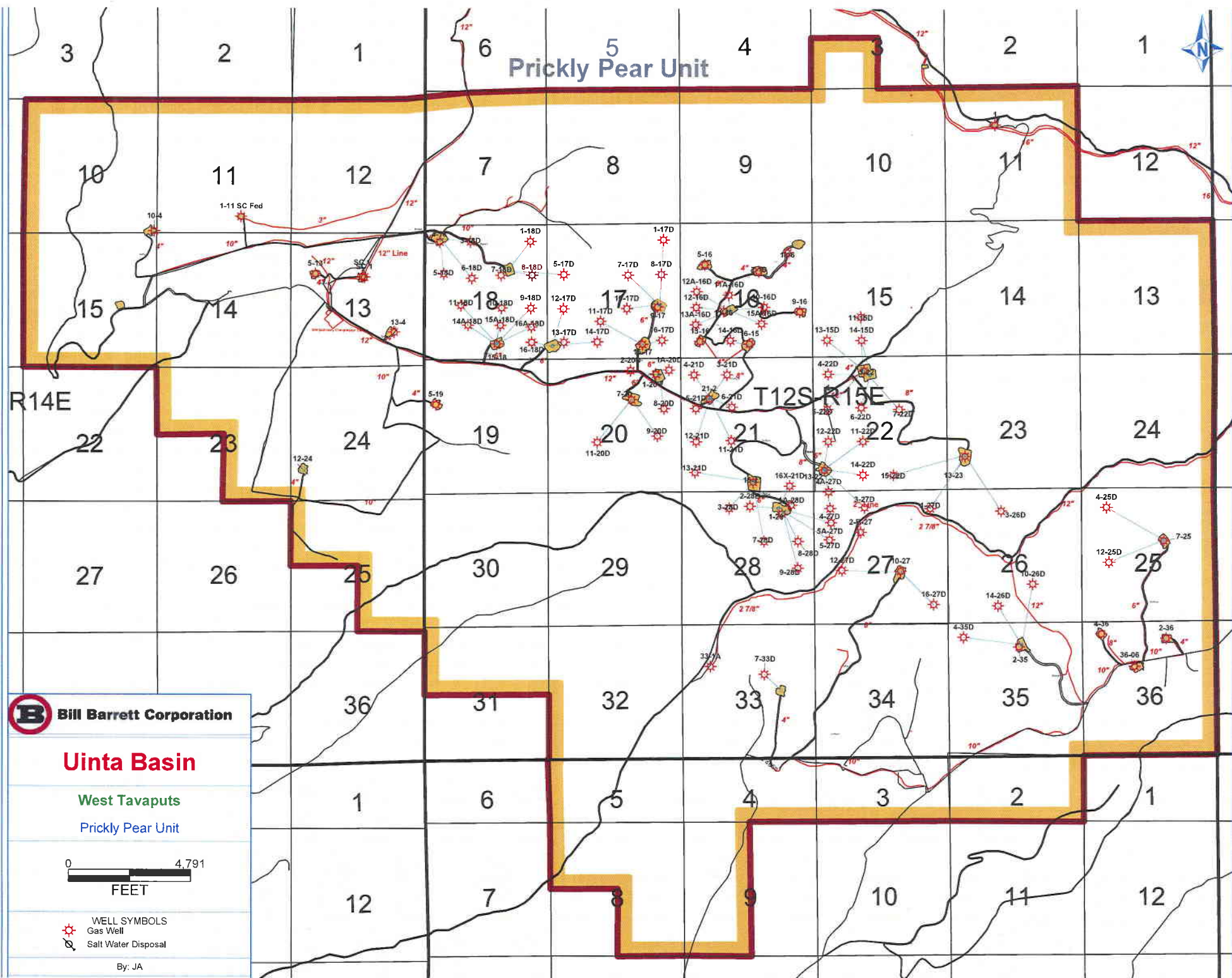


WELL SYMBOLS  
Active Drilling Well  
Location  
Waiting on Completion

By JA

January 11, 2010 12:19 PM





UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

5. Lease Serial No.

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on page 2.**

7. If Unit of CA/Agreement, Name and/or No.

Prickly Pear Unit UTA-79487  
Peter's Point Unit UTA-63014

8. Well Name and No.  
See Attached

9. API Well No.

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other

2. Name of Operator  
Bill Barrett Corporation

3a. Address  
1099 18th Street, Suite 2300, Denver, CO 80202

3b. Phone No. (include area code)  
303-312-8134

10. Field and Pool or Exploratory Area

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

11. Country or Parish, State  
Carbon County, UT

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Off-lease Water Treatment
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Bill Barrett Corporation (BBC) is submitting this as an update to the previously submitted sundry dated 05/14/2010. BBC will be also be treating produced water from Peter's Point unit, in addition to Prickly Pear unit, for re-use for the state water needs. BBC is also submitting a list and map of Peter's Point unit wells is attached.

If you have further questions, please contact me at 303-312-8134.

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
**FOR RECORD ONLY**

**RECEIVED**

FEB 16 2010

DIV. OF OIL, GAS & MINING

COA: Approval is granted to take the water produced by Peter's Point Federal wells to be treated by the temporary water treatment facility located on SI TLA lands in Sec. 16, T12S R15E through July 2010.

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)  
Tracey Fallang

Title Regulatory Analyst

Signature

*Tracey Fallang*

Date 02/04/2010

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

*Manny Henderson*

**Petroleum Engineer**

Date

FEB 08 2010

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

**PRICE FIELD OFFICE**

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

UDOGM

**COPY**

UWI/API	LABEL	Status
430073007000	5-14-PETERS POINT	GAS
430073002300	9-PTRS PT UNIT	GAS
430071539300	4-PTRS PT UNIT	GAS
430071539100	2-PTRS PT UNIT	GAS
430073076100	36-2-PtrsPtFed	GAS
430073076200	36-3-PtrPtFed	GAS
430073076300	36-4-PtrsPtFed	GAS
430071021600	1-PETERS POINT UNIT	GAS
430071021600	1-PETERS POINT UNIT	GAS
430073098200	11-6-13-17	GAS
430073096500	16-35-12-16	GAS
430073131800	16-27-12-16	GAS
430073127900	8-34-12-16	GAS
430073127500	6-35D-12-16	GAS
430073129300	7-1D-13-16 Ultra Dee	GAS
430073100500	16-31D-12-17	GAS
430073100400	16-6D-13-17	GAS
430073101000	2-36D-12-16	GAS
430073100900	12-31D-12-17	GAS
430073101100	9-36-12-16	GAS
430073081000	4-31D-12-17	GAS
430073085900	6-7D-13-17 Deep	GAS
430073102400	8-35D-12-16	GAS
430073081200	16-26D-12-16	GAS
430073076400	14-25D-12-16	GAS
430073115800	2-12D-13-16 Deep	GAS
430073127700	14-26D-12-16	GAS
430073128100	6-34D-12-16	GAS
430073127200	6-36-12-16	GAS
430073127100	3-36-12-16	GAS
430073117500	12-36D-12-16	GAS
430073117400	10-36D-12-16	GAS
430073126100	15-6D-13-17 Deep	GAS
430073104900	4-12D-13-16 Deep ST	GAS
430073141100	9-27D-12-16	GAS
430073140900	11-27D-12-16	GAS
430073141000	15-27D-12-16	GAS
430073140600	10-26D-12-16	GAS
430073140400	15-26D-12-16	GAS
430073140700	11-26D-12-16	GAS
430073135200	13-25D-12-16	GAS
430073140300	13-26D-12-16	GAS
430073140800	12-26D-12-16	GAS
430073142700	1-34D-12-16	GAS
430073142800	7-34D-12-16	GAS
430073140500	3-35D-12-16	GAS
430073134500	2-35D-12-16	GAS
430073136500	1-35D-12-16	GAS
430073147400	10-35D-12-16	WOC
430073147600	9-35D-12-16	WOC
430073142900	5-35D-12-16	GAS

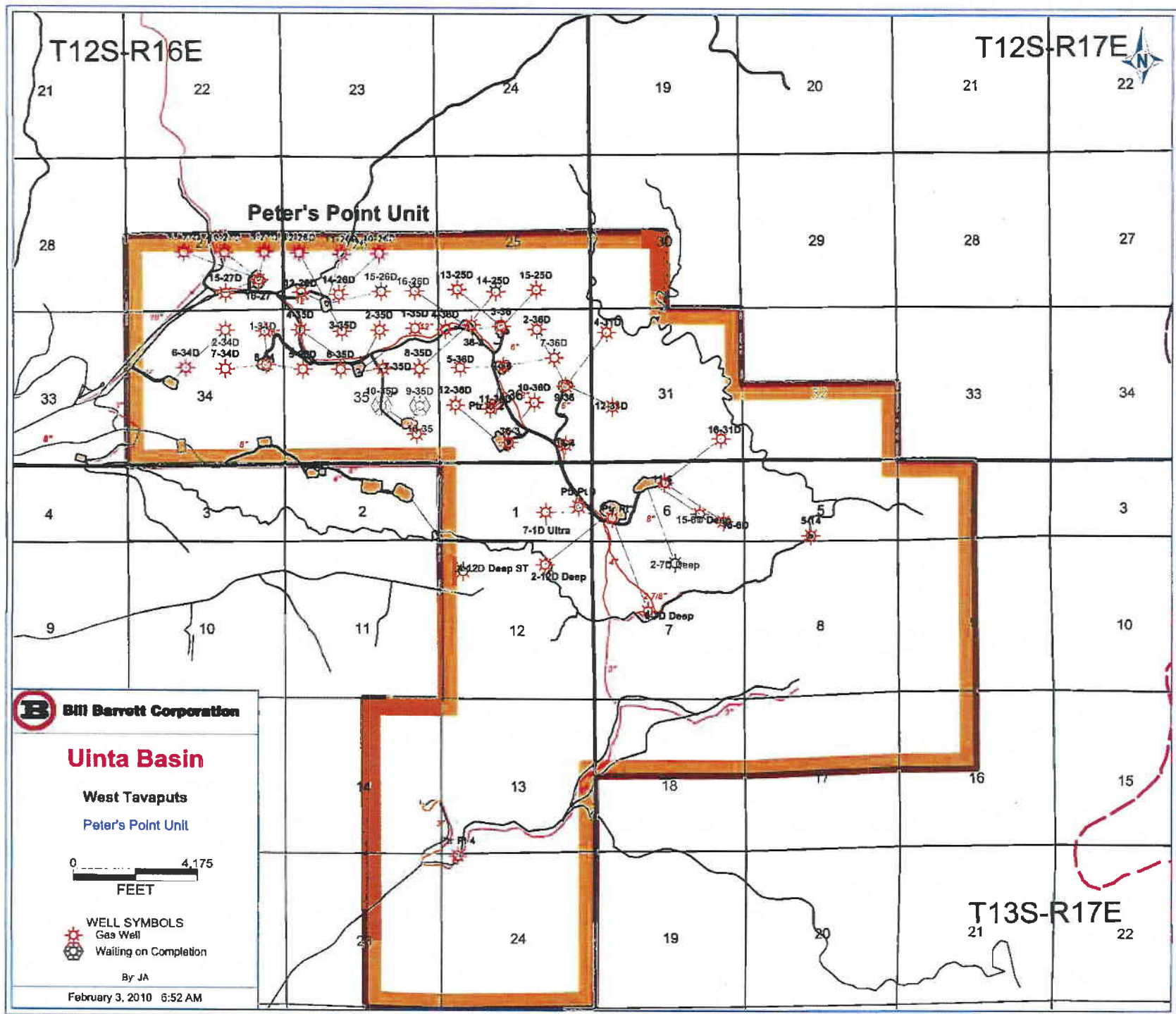
UWI/API	LABEL	Status
430073134700	4-35D-12-16	GAS
430073134600	7-35D-12-16	GAS
430073134800	7-36D-12-16	GAS
430073135000	5-36D-12-16	GAS
430073135100	15-25D-12-16	GAS
430073131900	10-27D-12-16	GAS
430073132600	2-7D-13-17 Deep	GAS
430073132000	2-34D-12-16	GAS
430073134900	11-36D-12-16	GAS
430073135300	4-36D-12-16	GAS

#### PETER'S POINT UNIT

##### Status Legend

GAS	Currently Producing
WOC	Waiting on Completion

Water could come from any of these GAS wells to be used in treatment process and reused for state completions.



## **WEST TAVAPUTS PILOT WATER TREATMENT FACILITY NESW, SECTION 16, T12S-R15E**

This is being submitted as notification that Bill Barrett Corporation (BBC) will be setting a temporary "pilot" water treatment facility within existing disturbance (no surface-laid lines are proposed) at the Prickly Pear Unit State 11-16 location. This facility will test the ability for BBC to reuse and recycle Prickly Pear unit water for approximately 16 state wells in Section 16 which are to be completed in 2010. It would also reduce truck traffic through Harmon Canyon associated with water hauling by approximately 16 trucks per day. Wells on Prickly Pear mesa generate approximately 1000 barrels of water per day (BWPD) and each well completion will take approximately 1300 BWPD. Any additional water needed for completion will come from currently approved water sources. This pilot facility will be in operation from January through July of 2010 and if successful, BBC will discuss the potential of making the facility permanent.

The process description is listed below and attachments to this proposal include proposed facility diagrams and maps and spreadsheets which indicate Prickly Pear wells involved with the water treatment process.

### **PROCESS DESCRIPTION**

BBC will use an electro-coagulation (EC) process which transmits an electrical current through the water between iron plates. Iron hydroxyl-oxide (IHO) is formed by the electrical current in the form of a floc which then adsorbs compounds in the water. Compounds bound to the IHO create larger floc/solids known as hematite. The hematite is then skimmed off and placed into a tank to be hauled off to a state approved disposal facility and a pH buffer is added to the water to lower the pH for re-use.

The EC system will treat approximately 1000-1200 BWPD (including flow-back water) and will be stored in clean tanks adjacent to the system. There will be ten 450-bbl holding tanks (two inlet water and eight treated water), three 450-bbl weir (skim) tanks and the actual EC system. There will also be a small generator to power a pump on location to assist in keeping the water flowing through the system. The tank battery will be bermed and the berms will be constructed to contain at a minimum 120 percent of the storage capacity of the largest tank within the berm. Any load lines and valves will be placed inside the berm.

After completion operations have ceased within Section 16, water will once again be diverted back to BBC's permitted saltwater disposal well in Sec. 24, T12S-R14E or a request for a permanent facility may be filed.

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET (for state use only)**

**ROUTING**  
 CDW

**X - Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

**1/1/2014**

**FROM: (Old Operator):**

N2165-Bill Barrett Corporation  
 1099 18th Street, Suite 230  
 Denver, CO 80202

Phone: 1 (303) 312-8134

**TO: ( New Operator):**

N4040-EnerVest Operating, LLC  
 1001 Fannin Street, Suite 800  
 Houston, TX 77002

Phone: 1 (713) 659-3500

**CA No.**

**Unit:**

**Peter Point**

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List								

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 1/7/2014
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 1/7/2014
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 1/28/2014
- a. Is the new operator registered in the State of Utah: \_\_\_\_\_ Business Number: 8850806-0161
- 5a. (R649-9-2)Waste Management Plan has been received on: Not Yet
- 5b. Inspections of LA PA state/fee well sites complete on: Yes
- 5c. Reports current for Production/Disposition & Sundries on: 1/24/2014
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM Not Yet BIA N/A
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: Not Yet
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: Yes

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 1/28/2014
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 1/28/2014
- Bond information entered in RBDMS on: 1/28/2014
- Fee/State wells attached to bond in RBDMS on: 1/28/2014
- Injection Projects to new operator in RBDMS on: 1/28/2014
- Receipt of Acceptance of Drilling Procedures for APD/New on: 1/7/2014
- Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: 1/7/2014

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: RLB7886
- Indian well(s) covered by Bond Number: RLB7886
- a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number B008371
- b. The **FORMER** operator has requested a release of liability from their bond on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 1/28/2014

**COMMENTS:**

Bill Barrett Corporation (N2165) to EnerVest Operating, LLC (N4040)

Effective 1/1/2014

Peter Point Unit

Well Name	Sec	TWN	RNG	API Number	Entity	Mineral Lease	Surface Lease	Well Type	Well Status
PPU FED 11-34D-12-16	34	120S	160E	4300731465		Federal	Federal	GW	APD
PPU FED 10-34D-12-16	34	120S	160E	4300731469		Federal	Federal	GW	APD
PETERS POINT UF 15X-36D-12-16	36	120S	160E	4300750178		Federal	Federal	GW	APD
PETERS POINT UF 10-1D-13-16	36	120S	160E	4300750182		Federal	Federal	GW	APD
PETERS POINT UF 9-1D-13-16	36	120S	160E	4300750183		Federal	Federal	GW	APD
PPU FED 9-34D-12-16	34	120S	160E	4300731430	17225	Federal	Federal	GW	OPS
PPU FED 15-35D-12-16	35	120S	160E	4300731475	2470	Federal	Federal	GW	OPS
PETERS POINT U FED 12A-6D-13-17	31	120S	170E	4300750034	2470	Federal	Federal	GW	OPS
PETERS POINT U FED 11A-31D-12-17	31	120S	170E	4300750036	2470	Federal	Federal	GW	OPS
PETERS POINT U FED 9-6D-13-17	6	130S	170E	4300750120	2470	Federal	Federal	GW	OPS
PETERS POINT U FED 14-6D-13-17	6	130S	170E	4300750121	2470	Federal	Federal	GW	OPS
PETERS POINT U FED 15-6D-13-17	6	130S	170E	4300750122	2470	Federal	Federal	GW	OPS
PETERS POINT UF 2-7D-13-17	6	130S	170E	4300750149	2470	Federal	Federal	GW	OPS
PETERS POINT UF 1-7D-13-17	6	130S	170E	4300750150	2470	Federal	Federal	GW	OPS
PETERS POINT U FED 36-2	36	120S	160E	4300730761	2470	Federal	Federal	GW	P
PETERS POINT U FED 36-3	36	120S	160E	4300730762	2470	Federal	Federal	GW	P
PETERS POINT U FED 36-4	36	120S	160E	4300730763	2470	Federal	Federal	GW	P
PETERS POINT U FED 14-25D-12-16	36	120S	160E	4300730764	2470	Federal	Federal	GW	P
PETERS POINT U FED 4-31D-12-17	36	120S	160E	4300730810	2470	Federal	Federal	GW	P
PETERS POINT U FED 16-26D-12-16	36	120S	160E	4300730812	2470	Federal	Federal	GW	P
PETERS POINT U FED 6-7D-13-17	6	130S	170E	4300730859	14692	Federal	Federal	GW	P
PETERS POINT U FED 16-35	35	120S	160E	4300730965	2470	Federal	Federal	GW	P
PETERS POINT U FED 11-6-13-17	6	130S	170E	4300730982	2470	Federal	Federal	GW	P
PETERS POINT U FED 16-6D-13-17	6	130S	170E	4300731004	2470	Federal	Federal	GW	P
PETERS POINT U FED 16-31D-12-17	6	130S	170E	4300731005	2470	Federal	Federal	GW	P
PETERS POINT U FED 12-31D-12-17	36	120S	160E	4300731009	2470	Federal	Federal	GW	P
PETERS POINT U FED 2-36D-12-16	36	120S	160E	4300731010	2470	Federal	Federal	GW	P
PETERS POINT U FED 9-36-12-16	36	120S	160E	4300731011	2470	Federal	Federal	GW	P
PETERS POINT U FED 8-35D-12-16	36	120S	160E	4300731024	2470	Federal	Federal	GW	P
PETERS POINT U FED 4-12D-13-16	2	130S	160E	4300731049	14692	Federal	State	GW	P
PETERS POINT U FED 2-12D-13-16	6	130S	170E	4300731158	14692	Federal	Federal	GW	P
PETERS POINT U FED 10-36D-12-16	36	120S	160E	4300731174	2470	Federal	Federal	GW	P
PETERS POINT U FED 12-36D-12-16	36	120S	160E	4300731175	2470	Federal	Federal	GW	P
PPU FED 15-6D-13-17	6	130S	170E	4300731261	16103	Federal	Federal	GW	P
PP UF 3-36-12-16	36	120S	160E	4300731271	2470	Federal	Federal	GW	P
PP UF 6-36-12-16	36	120S	160E	4300731272	2470	Federal	Federal	GW	P
PPU FED 6-35D-12-16	35	120S	160E	4300731275	2470	Federal	Federal	GW	P
PPU FED 8-34-12-16	34	120S	160E	4300731279	2470	Federal	Federal	GW	P
PPU FED 6-34D-12-16	34	120S	160E	4300731281	2470	Federal	Federal	GW	P
PPU FED 7-1D-13-16 ULTRA DEEP	6	130S	170E	4300731293	14692	Federal	Federal	GW	P
PPU FED 16-27-12-16	27	120S	160E	4300731318	2470	Federal	Federal	GW	P
PPU FED 10-27D-12-16	27	120S	160E	4300731319	2470	Federal	Federal	GW	P
PPU FED 2-34D-12-16	34	120S	160E	4300731320	2470	Federal	Federal	GW	P
PPU FED 2-7D-13-17 DEEP	6	130S	170E	4300731326	14692	Federal	Federal	GW	P
PPU FED 2-35D-12-16	35	120S	160E	4300731345	2470	Federal	Federal	GW	P
PPU FED 7-35D-12-16	35	120S	160E	4300731346	2470	Federal	Federal	GW	P
PPU FED 4-35D-12-16	35	120S	160E	4300731347	2470	Federal	Federal	GW	P
PPU FED 7-36D-12-16	36	120S	160E	4300731348	2470	Federal	Federal	GW	P
PPU FED 11-36D-12-16	36	120S	160E	4300731349	2470	Federal	Federal	GW	P
PPU FED 15-25D-12-16	36	120S	160E	4300731351	2470	Federal	Federal	GW	P
PPU FED 13-25D-12-16	36	120S	160E	4300731352	2470	Federal	Federal	GW	P
PPU FED 4-36D-12-16	36	120S	160E	4300731353	2470	Federal	Federal	GW	P
PPU FED 1-35D-12-16	35	120S	160E	4300731365	2470	Federal	Federal	GW	P
PPU FED 13-26D-12-16	26	120S	160E	4300731403	2470	Federal	Federal	GW	P
PPU FED 15-26D-12-16	26	120S	160E	4300731404	2470	Federal	Federal	GW	P
PPU FED 3-35D-12-16	26	120S	160E	4300731405	2470	Federal	Federal	GW	P

Bill Barrett Corporation (N2165) to EnerVest Operating, LLC (N4040)

Effective 1/1/2014

Peter Point Unit

Well Name	Sec	TWN	RNG	API Number	Entity	Mineral Lease	Surface Lease	Well Type	Well Status
PPU FED 10-26D-12-16	26	120S	160E	4300731406	2470	Federal	Federal	GW	P
PPU FED 11-26D-12-16	26	120S	160E	4300731407	2470	Federal	Federal	GW	P
PPU FED 12-26D-12-16	26	120S	160E	4300731408	2470	Federal	Federal	GW	P
PPU FED 11-27D-12-16	27	120S	160E	4300731409	2470	Federal	Federal	GW	P
PPU FED 15-27D-12-16	27	120S	160E	4300731410	2470	Federal	Federal	GW	P
PPU FED 9-27D-12-16	27	120S	160E	4300731411	2470	Federal	Federal	GW	P
PPU FED 1-34D-12-16	34	120S	160E	4300731427	2470	Federal	Federal	GW	P
PPU FED 7-34D-12-16	34	120S	160E	4300731428	2470	Federal	Federal	GW	P
PPU FED 5-35D-12-16	34	120S	160E	4300731429	2470	Federal	Federal	GW	P
PPU FED 3-34D-12-16	34	120S	160E	4300731466	2470	Federal	Federal	GW	P
PPU FED 5-34D-12-16	34	120S	160E	4300731467	2470	Federal	Federal	GW	P
PPU FED 4-34D-12-16	34	120S	160E	4300731468	2470	Federal	Federal	GW	P
PPU FED 10-35D-12-16	35	120S	160E	4300731474	2470	Federal	Federal	GW	P
PPU FED 9-35D-12-16	35	120S	160E	4300731476	2470	Federal	Federal	GW	P
PETERS POINT U FED 9-26D-12-16	25	120S	160E	4300750021	2470	Federal	Federal	GW	P
PETERS POINT U FED 11-25D-12-16	25	120S	160E	4300750022	2470	Federal	Federal	GW	P
PETERS POINT U FED 10-31D-12-17	31	120S	170E	4300750023	2470	Federal	Federal	GW	P
PETERS POINT U FED 11-31D-12-17	31	120S	170E	4300750024	2470	Federal	Federal	GW	P
PETERS POINT U FED 13A-31D-12-17	31	120S	170E	4300750025	2470	Federal	Federal	GW	P
PETERS POINT U FED 13-31D-12-17	31	120S	170E	4300750026	2470	Federal	Federal	GW	P
PETERS POINT U FED 14-31D-12-17	31	120S	170E	4300750027	2470	Federal	Federal	GW	P
PETERS POINT U FED 14A-31D-12-17	31	120S	170E	4300750028	2470	Federal	Federal	GW	P
PETERS POINT U FED 12-25D-12-16	25	120S	160E	4300750029	2470	Federal	Federal	GW	P
PETERS POINT U FED 12-6D-13-17	31	120S	170E	4300750033	2470	Federal	Federal	GW	P
PETERS POINT U FED 10-25D-12-16	25	120S	160E	4300750035	2470	Federal	Federal	GW	P
PETERS POINT U FED 13-36D-12-16	36	120S	160E	4300750037	2470	Federal	Federal	GW	P
PETERS POINT U FED 15-36D-12-16	36	120S	160E	4300750038	2470	Federal	Federal	GW	P
PETERS POINT U FED 11-1D-13-16	36	120S	160E	4300750039	2470	Federal	Federal	GW	P
PETERS POINT U FED 12-1D-13-16	36	120S	160E	4300750040	2470	Federal	Federal	GW	P
PETERS POINT U FED 3A-34D-12-16	27	120S	160E	4300750063	2470	Federal	Federal	GW	P
PETERS POINT U FED 4A-34D-12-16	27	120S	160E	4300750064	2470	Federal	Federal	GW	P
PETERS POINT U FED 12-27D-12-16	27	120S	160E	4300750065	2470	Federal	Federal	GW	P
PETERS POINT U FED 13-27D-12-16	27	120S	160E	4300750066	2470	Federal	Federal	GW	P
PETERS POINT U FED 13A-27D-12-16	27	120S	160E	4300750067	2470	Federal	Federal	GW	P
PETERS POINT U FED 14A-27D-12-16	27	120S	160E	4300750069	2470	Federal	Federal	GW	P
PETERS POINT U FED 5-31D-12-17	36	120S	160E	4300750109	2470	Federal	Federal	GW	P
PETERS POINT U FED 6-31D-12-17	36	120S	160E	4300750116	2470	Federal	Federal	GW	P
PETERS POINT U FED 9X-36D-12-16	36	120S	160E	4300750117	2470	Federal	Federal	GW	P
PETERS POINT U FED 1-36D-12-16	36	120S	160E	4300750118	2470	Federal	Federal	GW	P
PETERS POINT U FED 10-6D-13-17	6	130S	170E	4300750119	2470	Federal	Federal	GW	P
PETERS POINT U FED 15-31D-12-17	6	130S	170E	4300750123	2470	Federal	Federal	GW	P
PETERS POINT UF 12-5D-13-17	6	130S	170E	4300750151	2470	Federal	Federal	GW	P
PETERS POINT UF 13-5D-13-17	6	130S	170E	4300750152	2470	Federal	Federal	GW	P
PETERS POINT UF 13-30D-12-17	30	120S	170E	4300750153	18347	Federal	Federal	GW	P
PETERS POINT UF 14-30D-12-17	30	120S	170E	4300750154	18350	Federal	Federal	GW	P
PETERS POINT UF 12-30D-12-17	30	120S	170E	4300750155	18346	Federal	Federal	GW	P
PETERS POINT UF 11-30D-12-17	30	120S	170E	4300750156	18348	Federal	Federal	GW	P
PETERS POINT UF 3-31D-12-17	30	120S	170E	4300750157	2470	Federal	Federal	GW	P
PETERS POINT UF 2-31D-12-17	30	120S	170E	4300750158	18349	Federal	Federal	GW	P
PETERS POINT UF 16-25D-12-16	30	120S	170E	4300750159	2470	Federal	Federal	GW	P
PETERS POINT UF 9-25D-12-16	30	120S	170E	4300750160	2470	Federal	Federal	GW	P
PETERS POINT UF 7X-36D-12-16	36	120S	160E	4300750231	2470	Federal	Federal	GW	P
PETERS POINT UF 8-36D-12-16	36	120S	160E	4300750232	2470	Federal	Federal	GW	P
PPU FED 14-26D-12-16	26	120S	160E	4300731277	2470	Federal	Federal	GW	S
PPU FED 5-36D-12-16	36	120S	160E	4300731350	2470	Federal	Federal	GW	S

COPY

FORM 9

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: (see attached well list)
2. NAME OF OPERATOR: ENERVEST OPERATING, LLC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 1001 FANNIN, ST. STE 800 CITY HOUSTON STATE TX ZIP 77002		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (713) 659-3500		8. WELL NAME and NUMBER: (see attached well list)
4. LOCATION OF WELL FOOTAGES AT SURFACE: (see attached well list)		9. API NUMBER:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT:

COUNTY:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 1/1/2014	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

ENERVEST OPERATING, LLC IS SUBMITTING THIS SUNDRY AS NOTIFICATION THAT THE WELLS LISTED ON THE ATTACHED LIST HAVE BEEN SOLD TO ENERVEST OPERATING, LLC BY BILL BARRETT CORPORATION EFFECTIVE 1/1/2014. PLEASE REFER ALL FUTURE CORRESPONDENCE TO THE ADDRESS BELOW.

EnerVest Operating, L.L.C.

1001 Fannin, Suite 800

Houston, Texas 77002

713-659-3500

(BLM BOND # RLB 7886, STATE/FEE BOND # B008321)

BILL BARRETT CORPORATION

Duane Zavadih NAME (PLEASE PRINT)

Ron Young SIGNATURE

Senior Vice President -

EH&S, Government and Regulatory Affairs

N21165

ENERVEST OPERATING, LLC

Ronnie L Young NAME (PLEASE PRINT)

Ronnie L Young SIGNATURE

DIRECTOR - REGULATORY

N4040

NAME (PLEASE PRINT) RONNIE YOUNG

SIGNATURE

Ronnie L Young

TITLE DIRECTOR - REGULATORY

DATE

12/10/2013

(This space for State use only)

**APPROVED**

**JAN 28 2014 4:00 PM**

DIV. OF OIL, GAS & MINING

Rachael Medina

(See Instructions on Reverse Side)

**RECEIVED**

**JAN 07 2014**

DIV. OF OIL, GAS & MINING

## UDOGM CHANGE OF OPERATOR WELL LIST

Well Name	Sec	TWN	RNG	API Number	Entity	Lease	Well Type	Well Status	Unit
JACK CANYON UNIT 8-32	32	120S	160E	4300730460	15167	State	WI	A	
JACK CYN U ST 14-32	32	120S	160E	4300730913	15166	State	WD	A	
PRICKLY PEAR U FED 12-24	24	120S	140E	4300730953	14467	Federal	WD	A	
PPU FED 11-23D-12-15	23	120S	150E	4300731440		Federal	GW	APD	PRICKLY PEAR
PPU FED 4-26D-12-15	23	120S	150E	4300731441		Federal	GW	APD	PRICKLY PEAR
PPU FED 14-23D-12-15	23	120S	150E	4300731442		Federal	GW	APD	PRICKLY PEAR
PPU FED 12-23D-12-15	23	120S	150E	4300731443		Federal	GW	APD	PRICKLY PEAR
PPU FED 11-34D-12-16	34	120S	160E	4300731465		Federal	GW	APD	PETERS POINT
PPU FED 10-34D-12-16	34	120S	160E	4300731469		Federal	GW	APD	PETERS POINT
HORSE BENCH FED 4-27D-12-16	27	120S	160E	4300750092		Federal	GW	APD	
HORSE BENCH FED 5-27D-12-16	27	120S	160E	4300750093		Federal	GW	APD	
PRICKLY PEAR U FED 12-7D-12-15	07	120S	150E	4300750094		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR U FED 11-7D-12-15	07	120S	150E	4300750095		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR U FED 13-7D-12-15	07	120S	150E	4300750096		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR U FED 14-7D-12-15	07	120S	150E	4300750097		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11-8D-12-15	08	120S	150E	4300750124		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-8D-12-15	08	120S	150E	4300750125		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13-8D-12-15	08	120S	150E	4300750126		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14-8D-12-15	08	120S	150E	4300750127		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-21D-12-15	21	120S	150E	4300750128		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-21D-12-15	21	120S	150E	4300750129		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-21D-12-15	21	120S	150E	4300750130		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-21D-12-15	21	120S	150E	4300750131		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-21D-12-15	21	120S	150E	4300750132		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15X-21D-12-15	21	120S	150E	4300750133		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16-21D-12-15	21	120S	150E	4300750134		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-21D-12-15	21	120S	150E	4300750135		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-22D-12-15	21	120S	150E	4300750148		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1A-27D-12-15	22	120S	150E	4300750161		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2A-27D-12-15	22	120S	150E	4300750162		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3A-27D-12-15	22	120S	150E	4300750163		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-22D-12-15	22	120S	150E	4300750164		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-22D-12-15	22	120S	150E	4300750165		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-22D-12-15	22	120S	150E	4300750166		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-22D-12-15	22	120S	150E	4300750167		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-22D-12-15	22	120S	150E	4300750168		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-22D-12-15	22	120S	150E	4300750169		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-22D-12-15	22	120S	150E	4300750170		Federal	GW	APD	PRICKLY PEAR
PETERS POINT UF 15X-36D-12-16	36	120S	160E	4300750178		Federal	GW	APD	PETERS POINT
PRICKLY PEAR UF 15A-15D-12-15	15	120S	150E	4300750180		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11B-15D-12-15	15	120S	150E	4300750181		Federal	GW	APD	PRICKLY PEAR
PETERS POINT UF 10-1D-13-16	36	120S	160E	4300750182		Federal	GW	APD	PETERS POINT
PETERS POINT UF 9-1D-13-16	36	120S	160E	4300750183		Federal	GW	APD	PETERS POINT
PRICKLY PEAR UF 16A-15D-12-15	15	120S	150E	4300750184		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3A-18D-12-15	07	120S	150E	4300750185		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4A-18D-12-15	07	120S	150E	4300750186		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-7D-12-15	07	120S	150E	4300750187		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-18D-12-15	07	120S	150E	4300750188		Federal	GW	APD	PRICKLY PEAR

# UDOGM CHANGE OF OPERATOR WELL LIST

PRICKLY PEAR UF 12A-7D-12-15	07	120S	150E	4300750189	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-7D-12-15	07	120S	150E	4300750190	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-7D-12-15	07	120S	150E	4300750191	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR FEDERAL 1-12D-12-14	12	120S	140E	4300750205	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-12D-12-14	12	120S	140E	4300750206	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-12D-12-14	12	120S	140E	4300750207	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-12D-12-14	12	120S	140E	4300750208	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-12D-12-14	12	120S	140E	4300750209	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-7D-12-15	12	120S	140E	4300750210	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5-7D-12-15	12	120S	140E	4300750211	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-12D-12-14	12	120S	140E	4300750212	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-7D-12-15	12	120S	140E	4300750213	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-14D-12-15	14	120S	150E	4300750214	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-14D-12-15	14	120S	150E	4300750215	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-14D-12-15	14	120S	150E	4300750217	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-14D-12-15	14	120S	150E	4300750218	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-14D-12-15	14	120S	150E	4300750219	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-14D-12-15	14	120S	150E	4300750220	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-14D-12-15	14	120S	150E	4300750222	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16-14D-12-15	14	120S	150E	4300750223	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-14D-12-15	14	120S	150E	4300750224	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1A-18D-12-15	07	120S	150E	4300750225	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2A-18D-12-15	07	120S	150E	4300750226	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-7D-12-15	07	120S	150E	4300750227	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-7D-12-15	07	120S	150E	4300750228	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-7D-12-15	07	120S	150E	4300750229	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-7D-12-15	07	120S	150E	4300750230	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-12D-12-14	12	120S	140E	4300750233	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-12D-12-14	12	120S	140E	4300750234	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-12D-12-14	12	120S	140E	4300750235	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-8D-12-15	08	120S	150E	4300750236	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-12D-12-14	12	120S	140E	4300750237	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-8D-12-15	08	120S	150E	4300750238	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-8D-12-15	08	120S	150E	4300750239	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-8D-12-15	08	120S	150E	4300750240	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-8D-12-15	08	120S	150E	4300750260	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-8D-12-15	08	120S	150E	4300750261	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-8D-12-15	08	120S	150E	4300750262	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-8D-12-15	08	120S	150E	4300750263	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-8D-12-15	08	120S	150E	4300750264	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-8D-12-15	08	120S	150E	4300750265	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-8D-12-15	08	120S	150E	4300750266	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5-8D-12-15	08	120S	150E	4300750267	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-8D-12-15	08	120S	150E	4300750268	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-8D-12-15	08	120S	150E	4300750269	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-8D-12-15	08	120S	150E	4300750270	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-8D-12-15	08	120S	150E	4300750271	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-8D-12-15	08	120S	150E	4300750272	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-8D-12-15	08	120S	150E	4300750273	Federal	GW	APD	PRICKLY PEAR

UDOGM CHANGE OF OPERATOR WELL LIST

PRICKLY PEAR UF 5-9D-12-15	09	120S	150E	4300750274	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-9D-12-15	09	120S	150E	4300750275	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-9D-12-15	09	120S	150E	4300750276	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-9D-12-15	09	120S	150E	4300750277	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-9D-12-15	09	120S	150E	4300750278	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11-9D-12-15	09	120S	150E	4300750279	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-9D-12-15	09	120S	150E	4300750280	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-9D-12-15	09	120S	150E	4300750281	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-9D-12-15	09	120S	150E	4300750282	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR US 1X-16D-12-15	10	120S	150E	4300750283	State	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-15D-12-15	10	120S	150E	4300750284	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-15D-12-15	10	120S	150E	4300750285	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-15D-13-15	10	120S	150E	4300750286	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-10D-12-15	15	120S	150E	4300750287	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13-10D-12-15	10	120S	150E	4300750288	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15-10D-12-15	15	120S	150E	4300750289	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-10D-12-15	15	120S	150E	4300750290	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-10D-12-15	15	120S	150E	4300750291	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-10D-12-15	10	120S	150E	4300750292	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-10D-12-15	15	120S	150E	4300750293	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16-10D-12-15	15	120S	150E	4300750294	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13-11D-12-15	15	120S	150E	4300750295	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-11D-12-15	15	120S	150E	4300750296	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-11D-12-15	15	120S	150E	4300750297	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-10D-12-15	10	120S	150E	4300750298	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-10D-12-15	10	120S	150E	4300750299	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11-10D-12-15	10	120S	150E	4300750300	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3A-15D-12-15	10	120S	150E	4300750301	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-14D-12-15	14	120S	150E	4300750302	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-15D-12-15	10	120S	150E	4300750303	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4A-15D-12-15	10	120S	150E	4300750304	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14-10D-12-15	10	120S	150E	4300750305	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-17D-12-15	17	120S	150E	4300750306	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-17D-12-15	17	120S	150E	4300750307	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-17D-12-15	17	120S	150E	4300750308	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-7D-12-15	07	120S	150E	4300750309	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-17D-12-15	17	120S	150E	4300750310	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-7D-12-15	07	120S	150E	4300750311	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-17D-12-15	17	120S	150E	4300750312	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-7D-12-15	07	120S	150E	4300750313	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-7D-12-15	07	120S	150E	4300750314	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-7D-12-15	07	120S	150E	4300750315	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6X-17D-12-15	17	120S	150E	4300750316	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-17D-12-15	17	120S	150E	4300750317	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15B-17D-12-15	17	120S	150E	4300750318	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-20D-12-15	20	120S	150E	4300750319	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-7D-12-15	07	120S	150E	4300750320	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-20D-12-15	20	120S	150E	4300750321	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-20D-12-15	20	120S	150E	4300750322	Federal	GW	APD	PRICKLY PEAR

UDOGM CHANGE OF OPERATOR WELL LIST

PRICKLY PEAR UF 10A-20D-12-15	20	120S	150E	4300750323	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-20D-12-15	20	120S	150E	4300750324	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-7D-12-15	07	120S	150E	4300750325	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-20D-12-15	20	120S	150E	4300750326	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-20D-12-15	20	120S	150E	4300750327	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-20D-12-15	20	120S	150E	4300750328	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-7D-12-15	07	120S	150E	4300750329	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15-20D-12-15	20	120S	150E	4300750330	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-7D-12-15	07	120S	150E	4300750331	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-10D-12-15	09	120S	150E	4300750332	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-10D-12-15	09	120S	150E	4300750333	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-10D-12-15	09	120S	150E	4300750334	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-10D-12-15	09	120S	150E	4300750335	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5-10D-12-15	09	120S	150E	4300750336	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-10D-12-15	09	120S	150E	4300750338	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-10D-12-15	09	120S	150E	4300750339	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-10D-12-15	09	120S	150E	4300750340	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-9D-12-15	09	120S	150E	4300750341	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-9D-12-15	09	120S	150E	4300750342	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-9D-12-15	09	120S	150E	4300750343	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-9D-12-15	09	120S	150E	4300750344	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-9D-12-15	09	120S	150E	4300750345	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-9D-12-15	09	120S	150E	4300750346	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-24D-12-1	24	120S	150E	4300750348	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-13D-12-15	13	120S	150E	4300750349	Federal	GW	APD	PRICKLY PEAR
HORSE BENCH FED 4-20D-12-17	19	120S	170E	4300750350	Federal	GW	APD	
Horse Bench Federal 16-18D-12-17	19	120S	170E	4300750351	Federal	GW	APD	
PPU FED 9-34D-12-16	34	120S	160E	4300731430	17225 Federal	GW	OPS	PETERS POINT
PPU FED 15-35D-12-16	35	120S	160E	4300731475	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 12A-6D-13-17	31	120S	170E	4300750034	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 11A-31D-12-17	31	120S	170E	4300750036	2470 Federal	GW	OPS	PETERS POINT
PRICKLY PEAR U FED 7-21D-12-15	21	120S	150E	4300750055	14794 Federal	GW	OPS	PRICKLY PEAR
PETERS POINT U FED 9-6D-13-17	06	130S	170E	4300750120	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 14-6D-13-17	06	130S	170E	4300750121	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 15-6D-13-17	06	130S	170E	4300750122	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT UF 2-7D-13-17	06	130S	170E	4300750149	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT UF 1-7D-13-17	06	130S	170E	4300750150	2470 Federal	GW	OPS	PETERS POINT
PRICKLY PEAR US 1A-16D-12-15	09	120S	150E	4300750192	14794 State	GW	OPS	PRICKLY PEAR
PRICKLY PEAR US 2A-16D-12-15	09	120S	150E	4300750193	14794 State	GW	OPS	PRICKLY PEAR
PRICKLY PEAR US 2-16D-12-15	09	120S	150E	4300750194	14794 State	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 9A-9D-12-15	09	120S	150E	4300750196	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 10-9D-12-15	09	120S	150E	4300750197	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 10A-9D-12-15	09	120S	150E	4300750198	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 14-9D-12-15	09	120S	150E	4300750199	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 14A-9D-12-15	09	120S	150E	4300750200	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 15-9D-12-15	09	120S	150E	4300750201	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 15A-9D-12-15	09	120S	150E	4300750203	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 16A-9D-12-15	09	120S	150E	4300750204	14794 Federal	GW	OPS	PRICKLY PEAR
SHARPLES 1 GOVT PICKRELL	11	120S	150E	4300716045	7030 Federal	GW	P	

UDOGM CHANGE OF OPERATOR WELL LIST

STONE CABIN UNIT 1	13	120S	140E	4300716542	12052 Federal	GW	P	
STONE CABIN FED 1-11	11	120S	140E	4300730014	6046 Federal	GW	P	
STONE CABIN FED 2-B-27	27	120S	150E	4300730018	14794 Federal	GW	P	PRICKLY PEAR
JACK CANYON 101-A	33	120S	160E	4300730049	2455 Federal	GW	P	
PETERS POINT ST 2-2-13-16	02	130S	160E	4300730521	14387 State	GW	P	
PRICKLY PEAR ST 16-15	16	120S	150E	4300730522	14794 State	GW	P	PRICKLY PEAR
PETERS POINT U FED 36-2	36	120S	160E	4300730761	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 36-3	36	120S	160E	4300730762	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 36-4	36	120S	160E	4300730763	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 14-25D-12-16	36	120S	160E	4300730764	2470 Federal	GW	P	PETERS POINT
HUNT RANCH 3-4	03	120S	150E	4300730775	13158 State	GW	P	
PETERS POINT U FED 4-31D-12-17	36	120S	160E	4300730810	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 16-26D-12-16	36	120S	160E	4300730812	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR UNIT 13-4	13	120S	140E	4300730825	14353 Federal	GW	P	
PRICKLY PEAR UNIT 21-2	21	120S	150E	4300730828	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 6-7D-13-17	06	130S	170E	4300730859	14692 Federal	GW	P	PETERS POINT
PETERS POINT ST 4-2-13-16	02	130S	160E	4300730866	14386 State	GW	P	
PRICKLY PEAR U ST 13-16	16	120S	150E	4300730933	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 11-16	16	120S	150E	4300730944	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 7-16	16	120S	150E	4300730945	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-25	25	120S	150E	4300730954	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 16-35	35	120S	160E	4300730965	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-6-13-17	06	130S	170E	4300730982	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 16-6D-13-17	06	130S	170E	4300731004	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 16-31D-12-17	06	130S	170E	4300731005	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 5-13-12-14	13	120S	140E	4300731008	14897 Federal	GW	P	
PETERS POINT U FED 12-31D-12-17	36	120S	160E	4300731009	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 2-36D-12-16	36	120S	160E	4300731010	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 9-36-12-16	36	120S	160E	4300731011	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U ST 36-06	36	120S	150E	4300731018	14794 State	GW	P	PRICKLY PEAR
PETERS POINT U FED 8-35D-12-16	36	120S	160E	4300731024	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 4-12D-13-16	02	130S	160E	4300731049	14692 Federal	GW	P	PETERS POINT
PETERS POINT ST 5-2D-13-16 DEEP	02	130S	160E	4300731056	15909 State	GW	P	
PRICKLY PEAR U FED 13-23-12-15	23	120S	150E	4300731073	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-27D-12-15	23	120S	150E	4300731074	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-26D-12-15	23	120S	150E	4300731075	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-22D-12-15	23	120S	150E	4300731076	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-28D-12-15	21	120S	150E	4300731121	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 2-12D-13-16	06	130S	170E	4300731158	14692 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 15-21-12-15	21	120S	150E	4300731164	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-28D-12-15	21	120S	150E	4300731165	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 13-21D-12-15	21	120S	150E	4300731166	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 10-36D-12-16	36	120S	160E	4300731174	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-36D-12-16	36	120S	160E	4300731175	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 15-17-12-15	17	120S	150E	4300731183	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 11-17D-12-15	17	120S	150E	4300731184	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-22D-12-15	22	120S	150E	4300731186	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-22-12-15	22	120S	150E	4300731187	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5-22D-12-15	22	120S	150E	4300731188	14794 Federal	GW	P	PRICKLY PEAR

UDOGM CHANGE OF OPERATOR WELL LIST

PRICKLY PEAR 11-15D-12-15	22	120S	150E	4300731189	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-18D-12-15	18	120S	150E	4300731192	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-18-12-15	18	120S	150E	4300731193	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-27D-12-15	27	120S	150E	4300731194	15569 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 12-27D-12-15	27	120S	150E	4300731195	15568 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-27-12-15	27	120S	150E	4300731196	15570 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-20D-12-15	20	120S	150E	4300731197	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-20-12-15	20	120S	150E	4300731198	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-20-12-15	20	120S	150E	4300731206	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 2-36-12-15	36	120S	150E	4300731226	15719 State	GW	P	
PRICKLY PEAR U ST 4-36-12-15	36	120S	150E	4300731227	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4-27D-12-15	22	120S	150E	4300731237	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 13-22-12-15	22	120S	150E	4300731238	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-27D-12-15	22	120S	150E	4300731239	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 9-16-12-15	16	120S	150E	4300731240	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-28D-12-15	28	120S	150E	4300731241	16028 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5-27D-12-15	28	120S	150E	4300731242	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-28-12-15	28	120S	150E	4300731243	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8-28D-12-15	28	120S	150E	4300731244	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 1-16-12-15	16	120S	150E	4300731245	14794 State	GW	P	PRICKLY PEAR
PPU FED 11-18D-12-15	18	120S	150E	4300731257	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 11-20D-12-15	20	120S	150E	4300731258	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-25D-12-15	25	120S	150E	4300731259	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-25D-12-15	25	120S	150E	4300731260	16068 Federal	GW	P	PRICKLY PEAR
PPU FED 15-6D-13-17	06	130S	170E	4300731261	16103 Federal	GW	P	PETERS POINT
PP UF 3-36-12-16	36	120S	160E	4300731271	2470 Federal	GW	P	PETERS POINT
PP UF 6-36-12-16	36	120S	160E	4300731272	2470 Federal	GW	P	PETERS POINT
PPU FED 6-35D-12-16	35	120S	160E	4300731275	2470 Federal	GW	P	PETERS POINT
PPU FED 14-26D-12-16	26	120S	160E	4300731277	2470 Federal	GW	P	PETERS POINT
PPU FED 8-34-12-16	34	120S	160E	4300731279	2470 Federal	GW	P	PETERS POINT
PP ST 8-2D-13-16 (DEEP)	02	130S	160E	4300731280	16069 State	GW	P	
PPU FED 6-34D-12-16	34	120S	160E	4300731281	2470 Federal	GW	P	PETERS POINT
PPU FED 14-26D-12-15	35	120S	150E	4300731282	16224 Federal	GW	P	PRICKLY PEAR
PPU FED 2-35-12-15	35	120S	150E	4300731283	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-26D-12-15	35	120S	150E	4300731284	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 9-17-12-15	17	120S	150E	4300731287	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 1-17D-12-15	17	120S	150E	4300731288	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 7-17D-12-15	17	120S	150E	4300731289	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 7-1D-13-16 ULTRA DEEP	06	130S	170E	4300731293	14692 Federal	GW	P	PETERS POINT
PPU FED 1-18D-12-15	18	120S	150E	4300731294	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 7-18D-12-15	18	120S	150E	4300731295	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 5-17D-12-15	18	120S	150E	4300731296	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-17D-12-15	17	120S	150E	4300731307	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 8-17D-12-15	17	120S	150E	4300731308	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-17D-12-15	17	120S	150E	4300731309	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 13-17D-12-15	17	120S	150E	4300731310	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14-17D-12-15	17	120S	150E	4300731311	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16-18D-12-15	17	120S	150E	4300731312	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 8-18D-12-15	18	120S	150E	4300731313	14794 Federal	GW	P	PRICKLY PEAR

UDOGM CHANGE OF OPERATOR WELL LIST

PPU FED 3-18D-12-15	18	120S	150E	4300731314	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-18-12-15	18	120S	150E	4300731315	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 5-18D-12-15	18	120S	150E	4300731316	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 6-18D-12-15	18	120S	150E	4300731317	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16-27-12-16	27	120S	160E	4300731318	2470 Federal	GW	P	PETERS POINT
PPU FED 10-27D-12-16	27	120S	160E	4300731319	2470 Federal	GW	P	PETERS POINT
PPU FED 2-34D-12-16	34	120S	160E	4300731320	2470 Federal	GW	P	PETERS POINT
PPU FED 16-17D-12-15	17	120S	150E	4300731321	14794 Federal	GW	P	PRICKLY PEAR
PPU ST 15-16D-12-15	16	120S	150E	4300731322	14794 State	GW	P	PRICKLY PEAR
PPU ST 16-16D-12-15	16	120S	150E	4300731323	14794 State	GW	P	PRICKLY PEAR
PPU ST 14-16D-12-15	16	120S	150E	4300731324	14794 State	GW	P	PRICKLY PEAR
PPU FED 2-7D-13-17 DEEP	06	130S	170E	4300731326	14692 Federal	GW	P	PETERS POINT
PPU FED 3-21D-12-15	21	120S	150E	4300731328	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-21D-12-15	21	120S	150E	4300731329	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 2-35D-12-16	35	120S	160E	4300731345	2470 Federal	GW	P	PETERS POINT
PPU FED 7-35D-12-16	35	120S	160E	4300731346	2470 Federal	GW	P	PETERS POINT
PPU FED 4-35D-12-16	35	120S	160E	4300731347	2470 Federal	GW	P	PETERS POINT
PPU FED 7-36D-12-16	36	120S	160E	4300731348	2470 Federal	GW	P	PETERS POINT
PPU FED 11-36D-12-16	36	120S	160E	4300731349	2470 Federal	GW	P	PETERS POINT
PPU FED 15-25D-12-16	36	120S	160E	4300731351	2470 Federal	GW	P	PETERS POINT
PPU FED 13-25D-12-16	36	120S	160E	4300731352	2470 Federal	GW	P	PETERS POINT
PPU FED 4-36D-12-16	36	120S	160E	4300731353	2470 Federal	GW	P	PETERS POINT
PPU FED 13-15D-12-15	22	120S	150E	4300731358	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14-15D-12-15	22	120S	150E	4300731359	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-22D-12-15	22	120S	150E	4300731360	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 6-22D-12-15	22	120S	150E	4300731361	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 2-28D-12-15	28	120S	150E	4300731362	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16X-21D-12-15	28	120S	150E	4300731363	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 5A-27D-12-15	28	120S	150E	4300731364	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 1-35D-12-16	35	120S	160E	4300731365	2470 Federal	GW	P	PETERS POINT
PPU FED 1A-28D-12-15	28	120S	150E	4300731368	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14A-18D-12-15	18	120S	150E	4300731393	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-18D-12-15	18	120S	150E	4300731394	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 15A-18D-12-15	18	120S	150E	4300731395	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16A-18D-12-15	18	120S	150E	4300731396	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-22D-12-15	22	120S	150E	4300731398	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 11-22D-12-15	22	120S	150E	4300731399	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14-22D-12-15	22	120S	150E	4300731400	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4A-27D-12-15	22	120S	150E	4300731401	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 13-26D-12-16	26	120S	160E	4300731403	2470 Federal	GW	P	PETERS POINT
PPU FED 15-26D-12-16	26	120S	160E	4300731404	2470 Federal	GW	P	PETERS POINT
PPU FED 3-35D-12-16	26	120S	160E	4300731405	2470 Federal	GW	P	PETERS POINT
PPU FED 10-26D-12-16	26	120S	160E	4300731406	2470 Federal	GW	P	PETERS POINT
PPU FED 11-26D-12-16	26	120S	160E	4300731407	2470 Federal	GW	P	PETERS POINT
PPU FED 12-26D-12-16	26	120S	160E	4300731408	2470 Federal	GW	P	PETERS POINT
PPU FED 11-27D-12-16	27	120S	160E	4300731409	2470 Federal	GW	P	PETERS POINT
PPU FED 15-27D-12-16	27	120S	160E	4300731410	2470 Federal	GW	P	PETERS POINT
PPU FED 9-27D-12-16	27	120S	160E	4300731411	2470 Federal	GW	P	PETERS POINT
PPU FED 11-21D-12-15	21	120S	150E	4300731412	14794 Federal	GW	P	PRICKLY PEAR

UDOGM CHANGE OF OPERATOR WELL LIST

PPU FED 6-21D-12-15	21	120S	150E	4300731413	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-21D-12-15	21	120S	150E	4300731414	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 8-20D-12-15	20	120S	150E	4300731419	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 1A-20D-12-15	20	120S	150E	4300731420	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 2-20D-12-15	20	120S	150E	4300731421	14794 Federal	GW	P	PRICKLY PEAR
PPU ST 7A-16D-12-15	16	120S	150E	4300731422	14794 State	GW	P	PRICKLY PEAR
PPU ST 6-16D-12-15	16	120S	150E	4300731423	14794 State	GW	P	PRICKLY PEAR
PPU ST 10A-16D-12-15	16	120S	150E	4300731424	14794 State	GW	P	PRICKLY PEAR
PPU ST 3-16D-12-15	16	120S	150E	4300731425	14794 State	GW	P	PRICKLY PEAR
PPU FED 1-34D-12-16	34	120S	160E	4300731427	2470 Federal	GW	P	PETERS POINT
PPU FED 7-34D-12-16	34	120S	160E	4300731428	2470 Federal	GW	P	PETERS POINT
PPU FED 5-35D-12-16	34	120S	160E	4300731429	2470 Federal	GW	P	PETERS POINT
PPU FED 5-21D-12-15	21	120S	150E	4300731451	14794 Federal	GW	P	PRICKLY PEAR
PPU ST 8-16D-12-15	16	120S	150E	4300731455	14794 State	GW	P	PRICKLY PEAR
PPU ST 12-16D-12-15	16	120S	150E	4300731456	14794 State	GW	P	PRICKLY PEAR
PPU ST 12A-16D-12-15	16	120S	150E	4300731457	14794 State	GW	P	PRICKLY PEAR
PPU ST 15A-16D-12-15	16	120S	150E	4300731458	14794 State	GW	P	PRICKLY PEAR
PPU ST 10-16D-12-15	16	120S	150E	4300731459	14794 State	GW	P	PRICKLY PEAR
PPU ST 11A-16D-12-15	16	120S	150E	4300731460	14794 State	GW	P	PRICKLY PEAR
PPU ST 13A-16D-12-15	16	120S	150E	4300731461	14794 State	GW	P	PRICKLY PEAR
PPU FED 3-34D-12-16	34	120S	160E	4300731466	2470 Federal	GW	P	PETERS POINT
PPU FED 5-34D-12-16	34	120S	160E	4300731467	2470 Federal	GW	P	PETERS POINT
PPU FED 4-34D-12-16	34	120S	160E	4300731468	2470 Federal	GW	P	PETERS POINT
PPU FED 10-7D-12-15	07	120S	150E	4300731470	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 15-7D-12-15	07	120S	150E	4300731471	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 9-7D-12-15	07	120S	150E	4300731472	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16-7D-12-15	07	120S	150E	4300731473	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-35D-12-16	35	120S	160E	4300731474	2470 Federal	GW	P	PETERS POINT
PPU FED 9-35D-12-16	35	120S	160E	4300731476	2470 Federal	GW	P	PETERS POINT
PPU ST 6A-16D-12-15	16	120S	150E	4300731477	14794 State	GW	P	PRICKLY PEAR
PPU ST 4-16D-12-15	16	120S	150E	4300731478	14794 State	GW	P	PRICKLY PEAR
PPU ST 4A-16D-12-15	16	120S	150E	4300731479	14794 State	GW	P	PRICKLY PEAR
PPU ST 5A-16D-12-15	16	120S	150E	4300731480	14794 State	GW	P	PRICKLY PEAR
PPU ST 3A-16D-12-15	16	120S	150E	4300731481	14794 State	GW	P	PRICKLY PEAR
PPU ST 16A-16D-12-15	16	120S	150E	4300731484	14794 State	GW	P	PRICKLY PEAR
PPU ST 9A-16D-12-15	16	120S	150E	4300731485	14794 State	GW	P	PRICKLY PEAR
PPU ST 16B-16D-12-15	16	120S	150E	4300731514	14794 State	GW	P	PRICKLY PEAR
PPU ST 14B-16D-12-15	16	120S	150E	4300731515	14794 State	GW	P	PRICKLY PEAR
PPU ST 13B-16D-12-15	16	120S	150E	4300731516	14794 State	GW	P	PRICKLY PEAR
PETERS POINT U FED 9-26D-12-16	25	120S	160E	4300750021	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-25D-12-16	25	120S	160E	4300750022	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 10-31D-12-17	31	120S	170E	4300750023	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-31D-12-17	31	120S	170E	4300750024	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13A-31D-12-17	31	120S	170E	4300750025	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13-31D-12-17	31	120S	170E	4300750026	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 14-31D-12-17	31	120S	170E	4300750027	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 14A-31D-12-17	31	120S	170E	4300750028	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-25D-12-16	25	120S	160E	4300750029	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-6D-13-17	31	120S	170E	4300750033	2470 Federal	GW	P	PETERS POINT

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PETERS POINT U FED 10-25D-12-16	25	120S	160E	4300750035	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13-36D-12-16	36	120S	160E	4300750037	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 15-36D-12-16	36	120S	160E	4300750038	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-1D-13-16	36	120S	160E	4300750039	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-1D-13-16	36	120S	160E	4300750040	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 9-22D-12-15	22	120S	150E	4300750041	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-22D-12-15	22	120S	150E	4300750042	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-22D-12-15	22	120S	150E	4300750043	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-27D-12-15	22	120S	150E	4300750044	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-15D-12-15	15	120S	150E	4300750045	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-15D-12-15	15	120S	150E	4300750046	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-15D-12-15	15	120S	150E	4300750047	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-15D-12-15	15	120S	150E	4300750048	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 11A-15D-12-15	15	120S	150E	4300750049	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-21D-12-15	21	120S	150E	4300750050	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-21D-12-15	21	120S	150E	4300750051	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2A-21D-12-15	21	120S	150E	4300750052	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4A-22D-12-15	21	120S	150E	4300750053	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5A-22D-12-15	21	120S	150E	4300750054	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7A-21D-12-15	21	120S	150E	4300750056	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8-21D-12-15	21	120S	150E	4300750057	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8A-21D-12-15	21	120S	150E	4300750058	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-8D-12-15	08	120S	150E	4300750059	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-8D-12-15	08	120S	150E	4300750060	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-17D-12-15	08	120S	150E	4300750061	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1A-17D-12-15	08	120S	150E	4300750062	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 3A-34D-12-16	27	120S	160E	4300750063	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 4A-34D-12-16	27	120S	160E	4300750064	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-27D-12-16	27	120S	160E	4300750065	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13-27D-12-16	27	120S	160E	4300750066	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13A-27D-12-16	27	120S	160E	4300750067	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 14-27D-12-16	27	120S	160E	4300750068	18204 Federal	GW	P	
PETERS POINT U FED 14A-27D-12-16	27	120S	160E	4300750069	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 1-22D-12-15	22	120S	150E	4300750076	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-22D-12-15	22	120S	150E	4300750077	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8-22D-12-15	22	120S	150E	4300750078	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-17D-12-15	17	120S	150E	4300750079	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3A-17D-12-15	17	120S	150E	4300750080	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4-17D-12-15	17	120S	150E	4300750081	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4A-17D-12-15	17	120S	150E	4300750082	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5A-17D-12-15	17	120S	150E	4300750083	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 6-17D-12-15	17	120S	150E	4300750084	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 6A-17D-12-15	17	120S	150E	4300750085	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7A-17D-12-15	17	120S	150E	4300750086	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 12A-17D-12-15	17	120S	150E	4300750087	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-12D-12-14	12	120S	140E	4300750088	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-12D-12-14	12	120S	140E	4300750089	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-12D-12-14	12	120S	140E	4300750090	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-12D-12-14	12	120S	140E	4300750091	14794 Federal	GW	P	PRICKLY PEAR

## UDOGM CHANGE OF OPERATOR WELL LIST

PRICKLY PEAR U FED 3-20D-12-15	20	120S	150E	4300750098	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3A-20D-12-15	20	120S	150E	4300750099	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4-20D-12-15	20	120S	150E	4300750100	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4A-20D-12-15	20	120S	150E	4300750101	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5-20D-12-15	20	120S	150E	4300750102	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 6-20D-12-15	20	120S	150E	4300750104	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 6A-20D-12-15	20	120S	150E	4300750105	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 11A-20D-12-15	20	120S	150E	4300750106	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 12A-20D-12-15	20	120S	150E	4300750107	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 5-31D-12-17	36	120S	160E	4300750109	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 6-31D-12-17	36	120S	160E	4300750116	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 9X-36D-12-16	36	120S	160E	4300750117	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 1-36D-12-16	36	120S	160E	4300750118	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 10-6D-13-17	06	130S	170E	4300750119	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 15-31D-12-17	06	130S	170E	4300750123	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR UF 7A-18D-12-15	17	120S	150E	4300750136	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 8A-18D-12-15	17	120S	150E	4300750137	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 9A-18D-12-15	17	120S	150E	4300750138	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 12-20D-12-15	20	120S	150E	4300750139	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 16A-8D-12-15	08	120S	150E	4300750140	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 15A-8D-12-15	08	120S	150E	4300750141	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 13A-9D-12-15	08	120S	150E	4300750142	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 13-9D-12-15	08	120S	150E	4300750143	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 12-9D-12-15	08	120S	150E	4300750144	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 10-8D-12-15	08	120S	150E	4300750145	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 9-8D-12-15	08	120S	150E	4300750146	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 2A-17D-12-15	08	120S	150E	4300750147	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT UF 12-5D-13-17	06	130S	170E	4300750151	2470 Federal	GW	P	PETERS POINT
PETERS POINT UF 13-5D-13-17	06	130S	170E	4300750152	2470 Federal	GW	P	PETERS POINT
PETERS POINT UF 13-30D-12-17	30	120S	170E	4300750153	18347 Federal	GW	P	PETERS POINT
PETERS POINT UF 14-30D-12-17	30	120S	170E	4300750154	18350 Federal	GW	P	PETERS POINT
PETERS POINT UF 12-30D-12-17	30	120S	170E	4300750155	18346 Federal	GW	P	PETERS POINT
PETERS POINT UF 11-30D-12-17	30	120S	170E	4300750156	18348 Federal	GW	P	PETERS POINT
PETERS POINT UF 3-31D-12-17	30	120S	170E	4300750157	2470 Federal	GW	P	PETERS POINT
PETERS POINT UF 2-31D-12-17	30	120S	170E	4300750158	18349 Federal	GW	P	PETERS POINT
PETERS POINT UF 16-25D-12-16	30	120S	170E	4300750159	2470 Federal	GW	P	PETERS POINT
PETERS POINT UF 9-25D-12-16	30	120S	170E	4300750160	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR UF 1A-22D-12-15	22	120S	150E	4300750171	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 6A-22D-12-15	22	120S	150E	4300750173	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 7A-22D-12-15	22	120S	150E	4300750174	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 8A-22D-12-15	22	120S	150E	4300750175	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 14B-15D-12-15	22	120S	150E	4300750176	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 9-9D-12-15	09	120S	150E	4300750195	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 16-9D-12-15	09	120S	150E	4300750202	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 8-14D-12-15	14	120S	150E	4300750216	18289 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR UF 15-14D-12-15	14	120S	150E	4300750221	18290 Federal	GW	P	PRICKLY PEAR
PETERS POINT UF 7X-36D-12-16	36	120S	160E	4300750231	2470 Federal	GW	P	PETERS POINT
PETERS POINT UF 8-36D-12-16	36	120S	160E	4300750232	2470 Federal	GW	P	PETERS POINT
PETERS POINT ST 6-2D-13-16	02	130S	160E	4300731017	14472 State	D	PA	

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PTS 33-36 STATE	36	110S	140E	4301330486	6190 State	GW	PA	ARGYLE
PRICKLY PEAR U FED 10-4	10	120S	140E	4300730823	14462 Federal	GW	S	
PRICKLY PEAR U FASSELIN 5-19-12-15	19	120S	150E	4300730860	14853 Fee	GW	S	
PRICKLY PEAR U ST 5-16	16	120S	150E	4300730943	14794 State	GW	S	PRICKLY PEAR
PRICKLY PEAR U FED 7-33D-12-15	33	120S	150E	4300730985	14771 Federal	GW	S	
PETERS POINT ST 8-2D-13-16	02	130S	160E	4300731016	14471 State	GW	S	
PPU FED 4-35D-12-15	35	120S	150E	4300731285	16223 Federal	GW	S	PRICKLY PEAR
PPU FED 5-36D-12-16	36	120S	160E	4300731350	2470 Federal	GW	S	PETERS POINT
PRICKLY PEAR U FED 5A-20D-12-15	20	120S	150E	4300750103	14794 Federal	GW	S	PRICKLY PEAR
PRICKLY PEAR U FED 13A-17D-12-15	20	120S	150E	4300750108	14794 Federal	GW	S	PRICKLY PEAR
PRICKLY PEAR UF 2A-22D-12-15	22	120S	150E	4300750172	14794 Federal	GW	S	PRICKLY PEAR